

PROCEEDINGS
OF THE
Board of Trustees
OF THE
**Public School Teachers' Pension and
Retirement Fund of Chicago**

Regular Meeting – Official Report

Thursday, September 19, 2019

A regular meeting of the Board of Trustees of the Public School Teachers' Pension and Retirement Fund of Chicago was held Thursday, October 17, 2019.

The President, Mr. Jeffery Blackwell, called the meeting to order at 9:41 a.m.

PUBLIC PARTICIPATION

Geraldine Prybinski

Geraldine Prybinski, a retired member, commented on her experience with registration for the Health Insurance Seminar. She mentioned that she was registered for a session that was canceled.

Ms. Prybinski also requested clarity on the Fund's Office relocation.

Louis Pyster

Mr. Louis Pyster, a retired member, expressed his dissatisfaction with last month's Board Minutes. He stated that the minutes do not properly reflect his statements.

ROLL CALL

Members present: Mr. Jeffery Blackwell, Mr. Robert F. Bures, Mr. Miguel del Valle, Ms. Mary Sharon Reilly, Ms. Maria J. Rodriguez, Mr. Dwayne Truss – 6

Members absent: Mr. James Cavallero, Ms. Gervaise Clay, Ms. Tina Padilla, Ms. Jacquelyn Price Ward, Mr. Gregory Redfeairn, Mr. Jerry Travlos – 6

Ms. Price Ward arrived during the Report of the Actuary.

Also in attendance were Mr. Charles A. Burbridge (*Executive Director*), Ms. Mary Cavallaro (*Deputy Executive Director*), Mr. Daniel J. Hurtado (*Chief Legal Officer*), Ms. Adriane McCoy (*Internal Audit Director*), Ms. Angela Miller-May (*Chief Investment Officer*), Mr. Joseph Burns, of Jacobs, Burns, Orlove and Hernandez (*Board Counsel*), and various observers and staff members.

REPORT OF THE ACTUARY

Mr. Lance Weiss and Ms. Amy Williams, of Gabriel Roeder Smith & Company (GRS), presented the June 30, 2019 Actuarial Valuation Results. They stated that for fiscal years 2014 through 2059, the minimum annual contribution requirements is equal to the amount sufficient for the Fund to reach 90% funded by Fiscal Year 2059, on a level percent of pay basis using the projected unit credit actuarial cost method. The actuarial valuation establishes the State and Board of Education contribution requirements for the fiscal year July 1, 2020 through June 30, 2021. The June 30, 2019, Actuarial Valuation Report was prepared based on the previous actuarial assumptions approved in September 2018 by the Board. Mr. Weiss and Ms. Williams reviewed the results and addressed questions raised by the Board.

Motion to Adopt GRS Actuary Valuation Report, Approved

Ms. Reilly made a motion, seconded by Mr. Bures, to adopt GRS actuary valuation report as of June 30, 2019.

The motion passed unanimously.

BNY Mellon Agreement

Ms. Angela Miller-May, Chief Investment Officer, and Ms. Alise White, Chief Financial Officer, discussed the BNY Mellon Agreement. Ms. Miller-May stated that the master custody agreement and the Treasury services agreement was entered into by and among the Board of Trustees, the City Treasurer of the City of Chicago, and the Bank of New York Mellon (BNY Mellon). The Board appointed BNY Mellon as the Fund's custodian at the February 20, 2014, Board meeting. In a separate agreement, the Board appointed BNY Mellon to provide treasury services that relate to the Fund's accounts and related cash management services. Subsequently, the Master Custody agreement was executed and signed on November 25, 2014, and the Treasury services agreement was executed and signed on January 12, 2015, both with an effective date of January 1, 2015, to remain in full force and effect until December 31, 2019.

The Investment and Finance departments recommend that the Board of Trustees extend the Agreements of BNY Mellon for Custody and Treasury Services with an effective date of January 1, 2020, to remain in full force and effect until December 31, 2024, subject to legal review and negotiation of agreement amendments and contracts. Ms. Miller-May and Ms. White addressed questions raised by the Board.

Motion to Accept Recommendation of BNY Agreement, Approved

Ms. Reilly made a motion, seconded by Mr. Bures, to accept the recommendation of Investment and Finance departments to extend the agreement with Bank of New York Mellon for custodial services. The motion passed by the following vote:

Ayes: Mr. Blackwell, Mr. Bures, Mr. del Valle, Ms. Reilly, Mr. Truss, Ms. Price Ward – 6

Abstentions: Ms. Rodriguez – 1

REPORT OF THE INVESTMENT CONSULTANT

Callan Associates

Callan's Commitment to Diversity

Mr. Ron Peyton, Executive Chairman, and Ms. Brianne Weymouth, Senior Vice President of Callan Associates, presented Callan's Commitment to Diversity and Inclusion presentation. They stated that the founder Ed Callan laid the groundwork for diversity and inclusion within the institutional investment community. Callan has also created the Callan Inclusion Committee to focus on outreach efforts to diverse and emerging managers, as well as ensuring that their commitment to diversity and inclusion is consistent across Callan's consulting offices, communications and engagements in the industry. Mr. Peyton and Ms. Weymouth discussed Callan's policies and initiatives, and addressed questions raised by the Board.

Staff Insurance Rates and Employee Contributions

Ms. Kimberly Shamley, Human Resources Director, and Ms. Rosemary Ihejirika, Chief Benefits Officer, presented the staff health insurance rates and contributions. Ms. Shamley stated that staff health and dental insurance plans and premium structure are evaluated annually with a January 1 plan year date. Employees who are at the Employee +1 and Family coverage levels in the PPO plans will see slightly higher increases in premiums. The proposed increases will ensure a more equitable benefit for employees across health insurance plans and coverage levels. She further stated that the benefits offered are affordable compared to the market and very attractive with respect to attracting and retaining certain employees. Ms. Shamley and Ms. Ihejirika addressed questions raised by the Board.

The personnel committee recommended that the Board approve the following insurance plan premiums.

Coverage Level	BCBS PPO Dental	BCBS PPO	BCBS HMO
Employee	\$46.41	\$801.13	\$414.68
Employee +1	\$103.26	\$1600.73	\$829.34
Family	\$165.22	\$2401.10	\$1244.01

Motion to Approve Staff Insurance Rates and Plans, Approved

Ms. Reilly made a motion, seconded by Mr. Bures, to approve the staff health insurance rates and plans. The motion passed unanimously.

CONSENT AGENDA

Trustee Conferences

Ms. Price Ward requested approval to attend the Women's Alternative Investment Summit, November 13-14 2019, in New York City.

Motion to Approve Trustee Conferences, Approved

Ms. Reilly made a motion, seconded by Mr. Bures, to approve the request for Trustee conferences as listed above. The motion passed by the following vote:

Ayes: Mr. Blackwell, Mr. Bures, Mr. del Valle, Ms. Reilly, Mr. Truss, Ms. Price Ward – 6

Nays: Ms. Rodriguez – 1

Return to Work Policy

Mr. Joseph Burns, Board Counsel, reviewed the amendments to Return to Work Policy. He recommended that the Board defer the approval of the proposed Return to Work amendments. Mr. Burns addressed questions raised by the Board.

Motion to Defer Approval of Return to Work Amendments, Approved

Ms. Reilly made a motion, seconded by Ms. Rodriguez, to defer approval of the proposed Return to Work amendments.

The motion passed unanimously.

Items to Move to the Omnibus

Chairperson Rodriguez moved the September 11, 2019, Claims and Service Credits Committee Meeting Report to the Omnibus.

President Blackwell moved the September 17, 2019, Finance and Audit Committee Meeting Report to the Omnibus.

Chairperson Blackwell moved the October 8, 2019, Policy Committee Meeting Report to the Omnibus.

Chairperson Reilly moved the September 24, 2019, Personnel Committee Meeting Report to the Omnibus.

President Blackwell moved the September 13, 2019, Disability Committee Meeting Report to the Omnibus.

President Blackwell moved the Report of the Committee on Investments to the Omnibus.

President Blackwell moved the Report of the Committee on Finance to the Omnibus.

Chicago Teachers' Pension Fund
Asset Allocation Summary

(in millions of dollars)

Reporting for the Period ending August 31, 2019

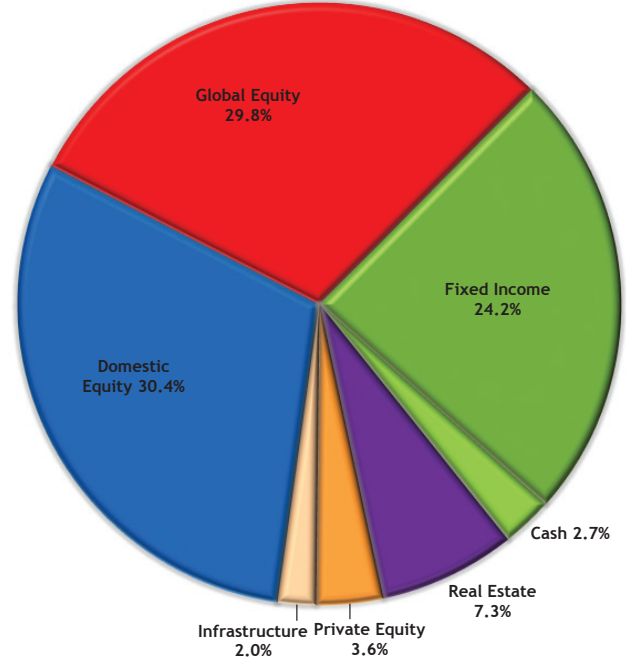
	\$ Millions	% of Fund
Domestic Equity	\$ 3,265.2	30.4%
Global Equity	\$ 3,198.1	29.8%
Fixed Income	\$ 2,595.7	24.2%
Cash	\$ 290.0	2.7%
Real Estate	\$ 789.5	7.3%
Private Equity	\$ 382.9	3.6%
Infrastructure	\$ 219.8	2.0%
Grand Total	\$ 10,741	100.0%

	Allocation	Policy		Allowable
	Actual	Target	Difference	Range
Domestic Equity	30.4%	30.5%	-0.10%	+/- 2
Global Equity	29.8%	30.5%	-0.73%	+/- 5
Fixed Income & Cash	26.9%	23.0%	3.87%	+/- 5
Real Estate	7.3%	9.0%	-1.65%	+/- 2
Private Equity	3.6%	5.0%	-1.44%	+/- 2
Infrastructure	2.0%	2.0%	0.05%	+/- 2
	100.0%	100.0%		

Note: Percentages may not add up due to rounding

This report is unaudited and intended for informational purposes only.

Asset Allocation

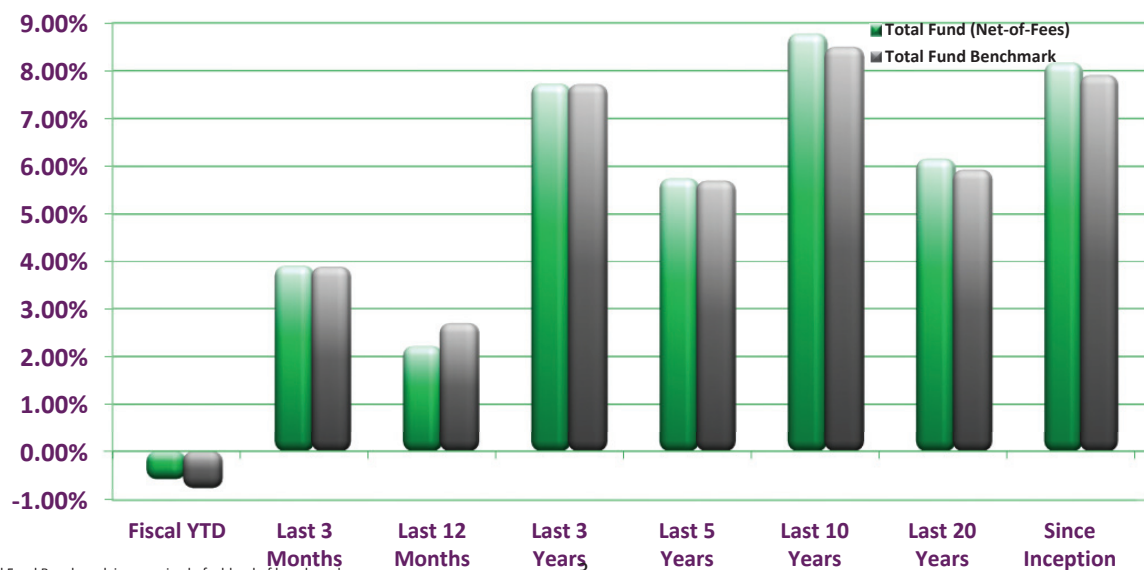


Chicago Teachers' Pension Fund

Total Fund Performance (Net-of-Fees)

Reporting for the Period ending August 31, 2019

	Fiscal YTD	Last 3 Months	Last 12 Months	Last 3 Years	Last 5 Years	Last 10 Years	Last 20 Years	Since Inception (January, 1991)
Total Fund (Net-of-Fees)	-0.57%	3.90%	2.22%	7.73%	5.75%	8.78%	6.16%	8.17%
Total Fund Benchmark	-0.75%	3.88%	2.70%	7.72%	5.70%	8.50%	5.93%	7.91%



The Total Fund Benchmark is comprised of a blend of benchmarks representing the current Asset Allocation.

(Investment Summary Report)

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Asset Class Summary Gross-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	Inception	Date
DOMESTIC EQUITY								
Gross-of-Fees	-1.16%	5.78%	-0.35%	11.91%	9.02%	13.19%	10.22%	4/1990
Domestic Equity Benchmark	-0.58%	6.40%	1.31%	12.24%	9.60%	13.35%	10.05%	
GLOBAL EQUITY								
Gross-of-Fees	-3.29%	2.46%	-2.69%	6.58%	2.79%	6.99%	6.91%	12/1995
Global Equity Benchmark	-4.16%	1.40%	-4.08%	5.71%	1.27%	4.66%	4.63%	
FIXED INCOME								
Gross-of-Fees	2.77%	4.29%	10.61%	3.52%	3.64%	4.65%	6.12%	1/1991
Fixed Income Benchmark	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	5.92%	
REAL ESTATE								
Gross-of-Fees	1.08%	1.55%	6.06%	7.36%	10.00%	9.67%	7.71%	1/2002
NFI-ODCE Value Weight Net	0.51%	0.77%	4.70%	6.36%	8.45%	9.49%	7.01%	
PRIVATE EQUITY								
Gross-of-Fees	-0.32%	2.93%	10.64%	13.48%	11.08%	12.15%	9.13%	1/2002
INFRASTRUCTURE								
Gross-of-Fees	4.30%	5.55%	14.62%	12.85%	7.91%	7.27%	7.55%	11/2008
Infrastructure Benchmark	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010. Therefore, account Gross and Net Return inception dates may differ. Callan provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Domestic Equity | Gross-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>
DOMESTIC EQUITY								4/1990
Gross-of-Fees	-1.16%	5.78%	-0.35%	11.91%	9.02%	13.19%	10.22%	
Domestic Equity Benchmark	-0.58%	6.40%	1.31%	12.24%	9.60%	13.35%	10.05%	
NTGI 500 Index LCC								4/1990
Gross-of-Fees	-0.16%	6.76%	2.30%	12.44%	10.01%	13.40%	9.81%	
S&P 500 Index	-0.17%	6.87%	2.92%	12.70%	10.11%	13.45%	9.89%	
Rhumblin Rsl 1000 LCC^M								6/2007
Gross-of-Fees	-0.31%	6.66%	2.38%	12.45%	9.76%	13.45%	7.79%	
Russell 1000 Index	-0.31%	6.69%	2.49%	12.57%	9.85%	13.49%	7.73%	
Rhumblin Rsl 1000 LCG^M								9/2017
Gross-of-Fees	1.46%	8.39%	4.22%	N/A	N/A	N/A	15.05%	
Russell 1000 Growth Index	1.47%	8.44%	4.27%	17.03%	13.06%	15.42%	15.11%	

^M = Minority Manager

(Domestic Equity continued on next
page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Domestic Equity Gross-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	Inception	Date
DOMESTIC EQUITY								4/1990
Zevenbergen US ACE^M								10/1992
Gross-of-Fees	-4.31%	4.09%	0.48%	21.44%	11.96%	16.28%	11.58%	
Russell 3000 Growth Index	1.15%	8.15%	3.09%	16.55%	12.68%	15.24%	9.33%	
Channing US ACE^{M2}								7/2009
Gross-of-Fees	-1.69%	4.58%	-0.35%	8.65%	5.77%	12.03%	13.41%	
Russell 3000 Value Index	-2.36%	4.60%	-0.56%	7.89%	6.46%	11.39%	12.65%	
BMO Global-Harris LCV³								7/1999
Gross-of-Fees	-3.85%	2.03%	-6.46%	8.09%	6.26%	11.83%	7.16%	
Harris Benchmark	-2.14%	4.89%	0.62%	8.08%	6.59%	11.49%	5.16%	

²Channing US ACE* - As of October, 2011, Channing's mandate was changed from Mid Cap Value (Inception 6/2009) to All Cap Value.

Channing Benchmark reflects Russell Mid Cap Value Index through 9/30/11 and Russell 3000 Value Index thereafter.

³BMO's Benchmark reflects S&P 500 through 12/31/02 and Russell 1000 Value thereafter.

^M = Minority Manager

(Domestic Equity continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010. Therefore, account Gross and Net Return inception dates may differ. Callan provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Domestic Equity | Gross-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
DOMESTIC EQUITY								4/1990
NTGI Structured SCC								1/1991
Gross-of-Fees	-3.75%	2.84%	-11.39%	8.31%	7.24%	12.91%	11.81%	
Russell 2000 Index	-4.39%	2.37%	-12.89%	7.89%	6.41%	11.59%	10.34%	
BMO Disciplined SCG								7/2018
Gross-of-Fees	-3.58%	4.45%	-15.35%	N/A	N/A	N/A	-8.87%	
Russell 2000 Growth Index	-3.38%	4.06%	-11.02%	10.62%	8.06%	13.06%	-5.07%	
Conestoga SCG								7/2018
Gross-of-Fees	-1.82%	6.87%	-2.74%	N/A	N/A	N/A	5.23%	
Russell 2000 Growth Index	-3.38%	4.06%	-11.02%	10.62%	8.06%	13.06%	-5.07%	
Phocas SCV								7/2016
Gross-of-Fees	-4.73%	2.34%	-14.71%	4.55%	N/A	N/A	6.23%	
Russell 2000 Value Index	-5.43%	0.59%	-14.89%	5.05%	4.63%	10.05%	7.36%	

^M = Minority Manager

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010. Therefore, account Gross and Net Return inception dates may differ. Callan provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Global Equity | Gross-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019		
GLOBAL EQUITY								1/1996
Gross-of-Fees	-3.29%	2.46%	-2.69%	6.58%	2.79%	6.99%	6.91%	
Global Equity Benchmark	-4.16%	1.40%	-4.08%	5.71%	1.27%	4.66%	4.63%	
Ariel EAFE ILCV^M								7/2016
Gross-of-Fees	-2.13%	1.92%	-3.82%	2.93%	N/A	N/A	4.35%	
MSCI EAFE	-3.83%	1.88%	-3.26%	5.91%	1.89%	5.00%	7.28%	
Earnest Partners EME^M								3/2013
Gross-of-Fees	-3.72%	2.08%	3.25%	8.46%	1.98%	N/A	2.75%	
MSCI Emerging Markets Index	-6.04%	-0.17%	-4.35%	5.76%	0.38%	4.08%	1.44%	
Earnest Partners ILCE^M								4/2007
Gross-of-Fees	-3.61%	1.90%	-3.13%	7.86%	3.19%	7.44%	5.28%	
MSCI ACWI ex US Index	-4.26%	1.50%	-3.27%	5.87%	1.37%	4.71%	1.87%	

^M = Minority Manager

(Global Equity continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010. Therefore, account Gross and Net Return inception dates may differ. Callan provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Global Equity | Gross-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
GLOBAL EQUITY								1/1996
Lazard ILCE⁴								1/2001
Gross-of-Fees	-4.22%	0.96%	-0.46%	5.32%	2.15%	6.39%	5.65%	
Lazard Benchmark	-4.26%	1.50%	-3.27%	5.87%	1.37%	4.71%	4.28%	
Morgan Stanley ILCE								4/1995
Gross-of-Fees	-2.95%	3.40%	-1.31%	6.30%	2.75%	6.36%	8.54%	
MSCI EAFE Index	-3.83%	1.88%	-3.26%	5.91%	1.89%	5.00%	4.74%	
Leading Edge IE MOM^M								4/2010
Gross-of-Fees	-3.80%	1.94%	-4.44%	6.40%	2.82%	N/A	5.32%	
MSCI ACWI ex US Index	-4.26%	1.50%	-3.27%	5.87%	1.37%	4.71%	3.88%	
DFA ISCV⁵								6/2012
Gross-of-Fees	-4.06%	0.87%	-13.59%	2.45%	0.92%	N/A	8.44%	
MSCI World ex US Small Cap Value	-3.16%	1.26%	-9.20%	4.37%	1.77%	6.14%	8.08%	

⁴Lazard ILCE Benchmark reflects the MSCI EAFE Index through 6/30/02 and MSCI ACWI ex-US Index thereafter.

⁵DFA transitioned from Domestic Small Cap mandate to International Small Cap mandate in May, 2012.

^M = Minority Manager

(Global Equity continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Global Equity Gross-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019
GLOBAL EQUITY								1/1996
Strategic Global EAFE								7/2016
Gross-of-Fees	-4.78%	0.42%	-5.76%	5.00%	N/A	N/A	6.02%	
MSCI EAFE Index	-3.83%	1.88%	-3.26%	5.91%	1.89%	5.00%	7.28%	
William Blair ILACG								2/2010
Gross-of-Fees	-1.80%	4.80%	-1.59%	8.40%	4.16%	N/A	7.99%	
MSCI ACWI ex US IMI Growth	-2.14%	4.05%	-1.25%	7.19%	3.61%	6.36%	6.00%	
William Blair ISCE⁶								4/2007
Gross-of-Fees	-2.89%	2.63%	-6.75%	4.70%	3.55%	9.19%	4.47%	
William Blair Custom Benchmark	-3.00%	1.21%	-8.88%	5.21%	3.12%	6.50%	2.35%	

⁶William Blair ISCE benchmark reflects MSCI World ex US SM Cap Index through 5/31/12 and MSCI ACWI ex US Sm Cap Growth Index thereafter.

^M = Minority Manager

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010. Therefore, account Gross and Net Return inception dates may differ. Callan provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Fixed Income | Gross-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
FIXED INCOME								1/1991
Gross-of-Fees	2.77%	4.29%	10.61%	3.52%	3.64%	4.65%	6.12%	
Fixed Income Benchmark	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	5.92%	
Garcia Hamilton FIC^M								10/2010
Gross-of-Fees	2.86%	3.59%	8.58%	3.23%	3.68%	N/A	4.37%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	3.36%	
LM Capital FICP^{M7}								11/2004
Gross-of-Fees	2.62%	4.07%	10.03%	3.29%	3.57%	4.23%	4.52%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	4.23%	
Pugh FIC^M								10/2010
Gross-of-Fees	2.97%	4.34%	10.42%	3.26%	3.52%	N/A	3.72%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	3.36%	

⁷LM Capital's mandate was changed from Core to Core Plus on 3/1/13.

^M = Minority Manager

(Fixed Income continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Fixed Income Gross-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
FIXED INCOME								1/1991
SSgA Agg Bond Index FI								8/2019
Gross-of-Fees	N/A	N/A	N/A	N/A	N/A	N/A	2.64%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	2.59%	
Taplin Canada FI								11/2004
Gross-of-Fees	2.92%	4.37%	10.13%	3.84%	3.50%	4.76%	4.40%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	4.23%	
WAMCO FICP								2/2003
Gross-of-Fees	2.93%	4.81%	12.06%	4.43%	4.39%	6.18%	5.56%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	4.28%	
Wellington Core Bond								8/2019
Gross-of-Fees	N/A	N/A	N/A	N/A	N/A	N/A	2.70%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	2.59%	

^M = Minority Manager

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Real Estate, Private Equity & Absolute Return | Gross-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
REAL ESTATE								1/2002
Gross-of-Fees	1.08%	1.55%	6.06%	7.36%	10.00%	9.67%	7.71%	
NFI-ODCE Equal Weight Index ⁸	0.51%	0.77%	4.70%	6.36%	8.45%	9.49%	7.01%	
PRIVATE EQUITY								1/2002
Gross-of-Fees	-0.32%	2.93%	10.64%	13.48%	11.08%	12.15%	9.13%	

⁸The NFI-ODCE returns are estimated from prior quarter until final results are published.

Returns for Real Estate, Private Equity and Infrastructure are reported on a quarter lag.

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Infrastructure Gross-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	Inception	Date
INFRASTRUCTURE								11/2008
Gross-of-Fees	4.30%	5.55%	14.62%	12.85%	7.91%	7.27%	7.55%	
Infrastructure Benchmark	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	
Brookfield Infr-OE								11/2016
Gross-of-Fees	4.26%	9.13%	9.17%	N/A	N/A	N/A	16.08%	
Infrastructure Benchmark	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.07%	
JP Morgan Infr-OE								11/2008
Gross-of-Fees	2.70%	2.70%	7.23%	9.02%	4.89%	4.92%	5.36%	
Infrastructure Benchmark	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	
Macquarie (MIP II) Infr								9/2008
Gross-of-Fees	10.37%	10.37%	14.17%	7.88%	6.14%	8.92%	8.29%	
Infrastructure Benchmark	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	
Macquarie European Fd III Infr								10/2008
Gross-of-Fees	1.31%	3.58%	47.59%	30.85%	17.96%	12.06%	12.07%	
Infrastructure Benchmark	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	

Returns for Real Estate, Private Equity and Infrastructure are reported on a quarter lag.

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Manager of Manager Composite Performance | Gross-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
MANAGER OF MANAGER COMPOSITE								
Attucks Asst Mgmt MOM ^{M9}								12/2013
Gross-of-Fees	-2.11%	2.91%	-2.60%	7.82%	5.27%	N/A	6.31%	
Attucks Custom Benchmark	-2.09%	3.09%	-0.41%	7.39%	4.81%	N/A	5.51%	

⁹Attucks' mandate was changed from Domestic to Best-in-Class in December, 2013.

^M=Minority Manager

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Asset Class Summary Net-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	Inception	Date
DOMESTIC EQUITY								
Net-of-Fees	-1.21%	5.73%	-0.52%	11.74%	8.85%	12.99%	7.86%	1/2002
Domestic Equity Benchmark	-0.58%	6.40%	1.31%	12.24%	9.60%	13.36%	8.01%	
GLOBAL EQUITY								
Net-of-Fees	-3.38%	2.36%	-3.07%	6.18%	2.41%	6.58%	6.96%	1/2002
Global Equity Benchmark	-4.16%	1.40%	-4.08%	5.71%	1.27%	4.66%	6.01%	
FIXED INCOME								
Net-of-Fees	2.75%	4.26%	10.51%	3.42%	3.55%	4.56%	4.88%	1/2002
Fixed Income Benchmark	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	4.60%	
REAL ESTATE								
Net-of-Fees	0.99%	1.31%	5.45%	6.66%	9.26%	9.03%	7.24%	1/2002
NFI-ODCE Equal Weight Index	0.51%	0.77%	4.70%	6.36%	8.45%	9.49%	7.01%	
PRIVATE EQUITY								
Net-of-Fees	-0.33%	2.68%	10.30%	13.11%	10.81%	11.97%	9.02%	1/2002
INFRASTRUCTURE								
Net-of-Fees	4.21%	5.45%	14.50%	12.43%	7.40%	6.74%	7.05%	11/2008
Benchmark - Absolute	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Domestic Equity | Net-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
DOMESTIC EQUITY								1/2002
Net-of-Fees	-1.21%	5.73%	-0.52%	11.74%	8.85%	12.99%	7.86%	
Domestic Equity Benchmark	-0.58%	6.40%	1.31%	12.24%	9.60%	13.36%	8.01%	
NTGI 500 Index LCC								4/1990
Net-of-Fees	-0.16%	6.76%	2.29%	12.42%	10.00%	13.39%	9.80%	
S&P 500 Index	-0.17%	6.87%	2.92%	12.70%	10.11%	13.45%	9.89%	
Rhumblin Rsl 1000 LCC^M								6/2007
Net-of-Fees	-0.31%	6.66%	2.37%	12.44%	9.75%	13.44%	7.78%	
Russell 1000 Index	-0.31%	6.69%	2.49%	12.57%	9.85%	13.49%	7.73%	
Rhumblin Rsl 1000 LCG^M								9/2017
Gross-of-Fees	1.46%	8.39%	4.21%	N/A	N/A	N/A	15.04%	
Russell 1000 Growth Index	1.47%	8.44%	4.27%	17.03%	13.06%	15.42%	15.11%	

^M = Minority Manager

(Domestic Equity continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Domestic Equity Net-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
Zevenbergen US ACE^M								
								9/1992
Net-of-Fees	-4.40%	3.99%	0.08%	20.97%	11.52%	15.82%	11.14%	
Russell 3000 Growth Index	1.15%	8.15%	3.09%	16.55%	12.68%	15.24%	9.33%	
Channing US ACE^{M2}								
								6/2009
Net-of-Fees	-1.81%	4.45%	-0.82%	8.13%	5.26%	11.46%	12.83%	
Russell 3000 Value Index	-2.36%	4.60%	-0.56%	7.89%	6.46%	11.39%	12.65%	
BMO Global-Harris LCV³								
								7/1999
Net-of-Fees	-3.90%	1.97%	-6.66%	7.85%	6.02%	11.58%	6.88%	
Harris Benchmark	-2.14%	4.89%	0.62%	8.08%	6.59%	11.49%	5.16%	
NTGI Structured SCC								
								1/1991
Net-of-Fees	-3.77%	2.82%	-11.45%	8.22%	7.16%	12.84%	11.72%	
Russell 2000 Index	-4.39%	2.37%	-12.89%	7.89%	6.41%	11.59%	10.34%	

²Channing US ACE* - As of October, 2011, Channing's mandate was changed from Mid Cap Value (Inception 6/2009) to All Cap Value.

Channing Benchmark reflects Russell Mid Cap Value Index through 9/30/11 and Russell 3000 Value Index thereafter.

³BMO's Benchmark reflects S&P 500 through 12/31/02 and Russell 1000 Value thereafter.

^M = Minority Manager

(Domestic Equity continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Domestic Equity | Net-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
BMO Disciplined SCG								7/2018
Net-of-Fees	-3.73%	4.29%	-15.85%	N/A	N/A	N/A	-9.36%	
Russell 2000 Growth Index	-3.38%	4.06%	-11.02%	10.62%	8.06%	13.06%	-5.07%	
Conestoga SCG								7/2018
Net-of-Fees	-2.01%	6.66%	-3.49%	N/A	N/A	N/A	4.49%	
Russell 2000 Growth Index	-3.38%	4.06%	-11.02%	10.62%	8.06%	13.06%	-5.07%	
Phocas SCV								7/2016
Net-of-Fees	-4.94%	2.11%	-15.42%	3.69%	N/A	N/A	5.40%	
Russell 2000 Value Index	-5.43%	0.59%	-14.89%	5.05%	4.63%	10.05%	7.36%	

^M = Minority Manager

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Global Equity Net-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
GLOBAL EQUITY								1/2002
Net-of-Fees	-3.38%	2.36%	-3.07%	6.18%	2.41%	6.58%	6.96%	
Global Equity Benchmark	-4.16%	1.40%	-4.08%	5.71%	1.27%	4.66%	6.01%	
Ariel EAFE ILCV^M								7/2016
Net-of-Fees	-2.30%	1.74%	-4.48%	2.23%	N/A	N/A	3.67%	
MSCI EAFE	-3.83%	1.88%	-3.26%	5.91%	1.89%	5.00%	7.28%	
Earnest Partners EME^M								3/2013
Net-of-Fees	-3.85%	1.95%	2.71%	7.90%	1.46%	N/A	2.22%	
MSCI Emerging Markets Index	-5.93%	0.02%	-3.98%	5.76%	0.38%	4.08%	1.44%	
Earnest Partners ILCE^M								4/2007
Net-of-Fees	-3.71%	1.79%	-3.52%	7.42%	2.77%	7.00%	4.78%	
MSCI ACWI ex US Index	-4.26%	1.50%	-3.27%	5.87%	1.37%	4.71%	1.87%	

^M = Minority Manager

(Global Equity continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Global Equity | Net-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
Lazard ILCE⁴								1/2001
Net-of-Fees	-4.26%	0.92%	-0.63%	5.15%	1.98%	6.19%	5.31%	
Lazard Benchmark	-4.26%	1.50%	-3.27%	5.87%	1.37%	4.71%	4.28%	
Morgan Stanley ILCE								4/1995
Net-of-Fees	-3.05%	3.30%	-1.72%	5.87%	2.33%	5.91%	8.07%	
MSCI EAFE Index	-3.83%	1.88%	-3.26%	5.91%	1.89%	5.00%	4.74%	
Leading Edge IE MOM^M								4/2010
Net-of-Fees	-3.99%	1.73%	-5.21%	5.57%	2.02%	N/A	4.50%	
MSCI ACWI ex US Index	-4.26%	1.50%	-3.27%	5.87%	1.37%	4.71%	3.88%	
DFA ISCV⁵								6/2012
Net-of-Fees	-4.06%	0.87%	-13.59%	2.45%	0.92%	N/A	8.42%	
MSCI World ex US Small Cap Value	-3.16%	1.26%	-9.20%	4.37%	1.77%	6.14%	8.08%	

⁴Lazard ILCE Benchmark reflects the MSCI EAFE Index through 6/30/02 and MSCI ACWI ex-US Index thereafter.

⁵DFA transitioned from Domestic Small Cap mandate to International Small Cap mandate in May, 2012.

^M = Minority Manager

(Global Equity continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Global Equity Net-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	Inception	Date
Strategic Global EAFE								7/2016
Net-of-Fees	-4.91%	0.29%	-6.23%	4.48%	N/A	N/A	5.52%	
MSCI EAFE Index	-3.83%	1.88%	-3.26%	5.91%	1.89%	5.00%	7.28%	
William Blair ILACC								2/2010
Net-of-Fees	-1.89%	4.71%	-1.94%	8.02%	3.79%	N/A	7.59%	
MSCI ACWI ex US IMI Growth	-2.14%	4.05%	-1.25%	7.19%	3.61%	6.36%	6.00%	
William Blair ISCE⁶								4/2007
Net-of-Fees	-3.09%	2.42%	-7.55%	3.83%	2.68%	8.26%	3.48%	
William Blair Custom Benchmark	-3.00%	1.21%	-8.88%	5.21%	3.12%	6.50%	2.35%	

⁶William Blair ISCE benchmark reflects MSCI World ex US SM Cap Index through 5/31/12 and MSCI ACWI ex US Sm Cap Growth Index thereafter.

^M = Minority Manager

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010. Therefore, account Gross and Net Return inception dates may differ. Callan provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Fixed Income - Net								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
FIXED INCOME								1/2002
Net-of-Fees	2.75%	4.26%	10.51%	3.42%	3.55%	4.56%	4.88%	
Fixed Income Benchmark	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	4.60%	
Garcia Hamilton FIC^M								10/2010
Net-of-Fees	2.83%	3.55%	8.44%	3.08%	3.51%	N/A	4.20%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	3.36%	
LM Capital FICP^{M7}								11/2004
Net-of-Fees	2.59%	4.04%	9.88%	3.13%	3.40%	4.06%	4.33%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	4.23%	

⁷LM Capital's mandate was changed from Core to Core Plus on 3/1/13.

^M = Minority Manager

(Fixed Income continued on next page)

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Fixed Income - Net								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
Pugh FIC^M								10/2010
Net-of-Fees	2.94%	4.31%	10.27%	3.11%	3.36%	N/A	3.55%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	3.36%	
SSgA Agg Bond Index FI								8/2019
Net-of-Fees	N/A	N/A	N/A	N/A	N/A	N/A	2.64%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	2.59%	
Taplin Canada FI								11/2004
Net-of-Fees	2.89%	4.34%	10.00%	3.71%	3.35%	4.61%	4.23%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	4.23%	
WAMCO FICP								2/2003
Net-of-Fees	2.90%	4.77%	11.88%	4.25%	4.21%	5.99%	5.37%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	4.28%	
Wellington Core Bond								8/2019
Net-of-Fees	N/A	N/A	N/A	N/A	N/A	N/A	2.70%	
Bloomberg Aggregate Index	2.82%	4.11%	10.17%	3.09%	3.35%	3.91%	2.59%	

^M = Minority Manager

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Real Estate, Private Equity & Absolute Return | Net-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
REAL ESTATE								1/2002
Net-of-Fees	0.99%	1.31%	5.45%	6.66%	9.26%	9.03%	7.24%	
NFI-ODCE Equal Weight Index ⁸	0.51%	0.77%	4.70%	6.36%	8.45%	9.49%	7.01%	
PRIVATE EQUITY								1/2002
Net-of-Fees	-0.33%	2.68%	10.30%	13.11%	10.81%	11.97%	9.02%	

⁸The NFI-ODCE returns are estimated from prior quarter until final results are published.

Returns for Real Estate, Private Equity and Infrastructure are reported on a quarter lag.

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund								
Investment Manager Performance Report								
Infrastructure Net-of-Fees								
Reporting for the Period ending August 31, 2019								
	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception Date
	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	8/31/2019	Inception	Date
INFRASTRUCTURE								
Net-of-Fees	4.21%	5.45%	14.50%	12.43%	7.40%	6.74%	7.05%	11/2008
Benchmark - Absolute	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	
Brookfield Infr-OE								
Net-of-Fees	4.26%	9.13%	9.17%	N/A	N/A	N/A	12.04%	11/2016
Benchmark - Absolute	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.07%	
JP Morgan Infr-OE								
Net-of-Fees	2.46%	2.46%	6.75%	8.28%	3.93%	3.90%	4.41%	11/2008
Benchmark - Absolute	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	
Macquarie (MIP II) Infr								
Net-of-Fees	10.37%	10.37%	14.35%	8.02%	6.19%	8.95%	8.31%	9/2008
Benchmark - Absolute	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	
Macquarie European Fd III Infr								
Net-of-Fees	1.37%	3.64%	47.98%	31.05%	17.99%	12.07%	12.08%	10/2008
Benchmark - Absolute	0.54%	4.71%	14.47%	8.07%	8.04%	8.02%	8.02%	

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund
Investment Manager Performance Report
Manager of Manager Composite Performance | Net-of-Fees

Reporting for the Period ending August 31, 2019

	Fiscal YTD Ending	3 Months Ending	12 Months Ending	3 Years Ending	5 Years Ending	10 Years Ending	Since Inception	Inception
	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>8/31/2019</u>	<u>Inception</u>	<u>Date</u>
MANAGER OF MANAGER COMPOSITE								
Attucks Asst Mgmt MOM ^{M9}								12/2013
Net-of-Fees	-2.26%	2.76%	-3.17%	7.19%	4.69%	N/A	5.71%	
Attucks Custom Benchmark	-2.09%	3.09%	-0.41%	7.39%	4.81%	N/A	5.51%	

⁹Attucks' mandate was changed from Domestic to Best-in-Class in December, 2013.

^M=Minority Manager

Mercer provided Gross Return data 1990-2010 and Net Return data 2002-2010.
Therefore, account Gross and Net Return inception dates may differ. Callan
provided data 2010 to present.

Chicago Teachers' Pension Fund Watch List Summary							
Reporting for the Period ending August 31, 2019							
<u>Manager</u>	<u>Current AUM (in millions)</u>	<u>Board Actions</u>	<u>Reason</u>	<u>Date Watch Started</u>	<u># Months on Watch</u>	<u>Last Due Diligence Meeting</u>	<u>Notes</u>
Channing	\$ 144.3	January, 2018: Placed on Watch List and Monitor	Organizational Changes	January, 2018	20	February, 2019	AUM when placed on Watch List was \$150.2. Channing was placed on Watch List due to organizational changes.
DFA ISCV	\$ 143.8	August, 2019: Placed on Watch List and Monitor	Performance	August, 2019	1	January, 2018	AUM when placed on Watch List was \$143.8. DFA was placed on Watch List due to performance concerns.
William Blair ISCE	\$ 181.6	March, 2019: Placed on Watch List and Monitor	Performance	March, 2019	6	January, 2018	AUM when placed on Watch List was \$179.684. William Blair ISC was placed on Watch List due to performance concerns.
TCH	\$ 253.6	March, 2019: Placed on Watch List and Monitor	Personnel Turnover	March, 2019	6	March, 2019	AUM when placed on Watch List was \$225.920. TCH Fixed Income was placed on Watch List due to personnel turnover concerns.

This report is unaudited and intended for informational purposes only.

Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
(In millions of dollars)
Reporting for the Period ending August 31, 2019

				Market Value (in millions)		Difference (mth-to-mth)	
Ethnicity	% Asset Class	% Fund		8/31/19	7/31/2019	\$	%
Domestic Equity							
Woman	1%	0%	Attucks-Matarin SCC	20.0	20.9	-1.0	-5%
Majority	1%	0%	BMO SCG	35.5	37.5	-2.1	-6%
Majority	1%	0%	Conestoga SCG	42.3	43.6	-1.3	-3%
Majority	5%	2%	NTGI Structured SCC	166.7	175.3	-8.6	-5%
Asian American	4%	1%	Phocas SCV	117.2	124.1	-6.9	-6%
	12%	4%	Subtotal - U.S. Small Capitalization Equity	381.7	401.4	-19.8	-5%
African American	4%	1%	Channing US ACE	144.3	150.9	-6.7	-5%
African American	1%	0%	Attucks-Heard ACC	22.6	22.7	-0.1	0%
Woman	6%	2%	Zevenbergen US ACE	190.6	200.6	-10.0	-5%
	11%	3%	Subtotal - U.S. All Capitalization Equity	357.4	374.2	-16.8	-5%
African American	0%	0%	Attucks-Paradigm LCV	10.6	10.8	-0.2	-2%
African American	0%	0%	Attucks-StoneRidge LCC	0.0	0.0	0.0	0%
African American	1%	0%	Attucks-StoneRidge Lcchq	21.2	22.0	-0.8	-4%
Majority	9%	3%	BMO Global-Harris LCV	298.1	310.9	-12.9	-4%
Majority	1%	0%	NTGI 500 Index LCC	29.4	29.9	-0.5	-2%
Woman	55%	17%	Rhumbline Rsl1000 LCC	1800.0	1836.3	-36.2	-2%
Woman	11%	3%	Rhumbline RSL1000 LCG	366.9	370.0	-3.1	-1%
			Rhumbline TOTAL	2167.0	2206.3		
	77%	24%	Subtotal - U.S. Large Capitalization Equity	2,526.1	2,579.9	-53.8	-2%
(Domestic Equity continued on next page)							

(Domestic Equity continued on next page)

Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
 (in millions of dollars)
 Reporting for the Period ending August 31, 2019

<u>Ethnicity</u>	<u>% Asset</u>	<u>%</u>	Market Value (in millions)		Difference (mth-to-mth)		
	<u>Class</u>	<u>Fund</u>	<u>8/31/19</u>	<u>7/31/2019</u>	<u>\$</u>	<u>%</u>	
<u>Miscellaneous</u>							
African American	0%	0%	Attucks-Cash Acct LCE	0.0	0.0	0.0	0%
	0%	0%	Attucks -Transition	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>N/A</u>
	0%	0%	Subtotal - Miscellaneous	0.0	0.0	0.0	N/A
	100%	30%	Total Domestic Equity	3,265.2	3,355.6	-90.4	-3%

<u>Domestic Equity Totals</u>	<u>Class</u>	<u># of Accts</u>	<u>Market Value</u>
African American	6.1%	6	198.6
Asian or Pacific Islander	3.6%	1	117.2
Hispanic or Latino	0.0%	0	0.0
Woman	72.8%	4	2377.5
Disabled	0.0%	0	0.0
Multiple	0.0%	0	0.0
American Indian or Alaska Native	0.0%	0	0.0
Majority	<u>17.5%</u>	<u>5</u>	<u>571.9</u>
Asset Class Total	100.0%	16	\$3,265.2

Source of Market Value data is the CTPF Custodian.
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Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
(in millions of dollars)
Reporting for the Period ending August 31, 2019

Ethnicity	% Asset	% Fund		Market Value (in millions)		Difference (mth-to-mth)	
	Class	Fund		8/31/19	7/31/2019	\$	%
Global Equity							
African American	1%	0%	Attucks-Brown Cap ISCG	21.3	22.7	-1.4	-6%
Majority	4%	1%	DFA ISCV	143.8	147.5	-3.8	-3%
Majority	6%	2%	William Blair ISCE	181.6	187.0	-5.5	-3%
	11%	3%	Subtotal - Global Small Cap Equity	346.7	357.2	-10.6	-3%
African American	2%	1%	Ariel EAFE ILCV	71.5	71.8	-0.3	0%
Woman	1%	0%	Attucks-GlobeFlex Global	20.0	21.1	-1.0	-5%
African American	0%	0%	Attucks-Paradigm ILCC	10.5	10.7	-0.2	-2%
African American	18%	5%	Earnest Partners ILCE	567.1	583.9	-16.8	-3%
Majority	18%	5%	Lazard Asset Mgt ILCE	570.9	589.3	-18.4	-3%
Latino	1%	0%	LEIA-Ativo IE	20.3	21.2	-0.8	-4%
African American	1%	0%	LEIA-Brown IE	24.8	20.0	4.8	19%
Asian American	0%	0%	LEIA-Cash Acct IE	0.0	0.0	0.0	0%
African American	1%	0%	LEIA-Channing IE	20.2	15.9	4.2	21%
American Indian	0%	0%	LEIA Denali IE	14.5	20.2	-5.7	-39%
Asian American	1%	0%	LEIA-Foresight IE	19.3	19.5	-0.2	-1%
Woman	1%	0%	LEIA GlobeFlex IE	17.3	23.0	-5.8	-33%
Asian American	0%	0%	LEIA-John Hsu IEG	0.0	0.0	0.0	0%
Majority	18%	5%	Morgan Stanley ILCE	579.4	587.6	-8.2	-1%
Woman	2%	1%	Strategic Global EAFE	70.7	73.2	-2.5	-4%
Majority	19%	6%	William Blair ILACG	608.8	619.4	-10.6	-2%
	82%	24%	Subtotal - Global Large Cap Equity	2,615.4	2,676.8	-61.4	-2%
(Global Equity continued on next page)							

(Global Equity continued on next page)

Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
(in millions of dollars)
Reporting for the Period ending August 31, 2019

<u>Ethnicity</u>	<u>% Asset</u>	<u>% Fund</u>		<u>Market Value</u> (in millions)		<u>Difference</u> (mth-to-mth)	
				<u>8/31/19</u>	<u>7/31/2019</u>	<u>\$</u>	<u>%</u>
Latino	1%	0%	Attucks-Ativo EME	16.5	17.5	-1.1	-7%
Latino	1%	0%	Attucks-GloVista EME	17.1	17.8	-0.7	-4%
Woman	1%	0%	Att Redwood IACC	21.8	22.5	-0.6	-3%
African American	5%	2%	Earnest Partners EME	174.9	180.9	-6.0	-3%
African American	0%	0%	LEIA-Metis EME	5.7	6.2	-0.5	-9%
	7%	2%	Subtotal - Emerging Managers	236.0	244.9	-8.9	-4%
	100%	30%	Total Global Equity	3,198.0	3,279.0	-80.9	-3%

<u>Global Equity Totals</u>	<u>Class</u>	<u># of Accts</u>	<u>Market Value</u>
African American	28.0%	8	896.0
Asian or Pacific Islander	0.6%	3	19.3
Hispanic or Latino	1.7%	3	53.9
Woman	4.1%	4	129.8
Disabled	0.0%	0	0.0
Multiple	0.0%	0	0.0
American Indian or Alaska Native	0.5%	1	14.5
Majority	65.2%	5	2084.5
Asset Class Total	100.0%	24	\$3,198.0

Source of Market Value data is the CTPF Custodian.
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Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
(in millions of dollars)
Reporting for the Period ending August 31, 2019

Ethnicity	% Asset	%		Market Value		Difference	
	Class	Fund		(in millions)	(mth-to-mth)		
				8/31/19	7/31/2019	\$	%
Fixed Income							
Latino	0%	0%	Attucks-LM Capital EMD	14.4	14.4	0.0	0%
Latino	1%	0%	Attucks-Ramirez FIC	19.5	19.0	0.5	2%
Latino	9%	2%	Garcia Hamilton FIC	251.0	245.5	5.6	2%
Latino	12%	3%	LM Capital FICP	342.9	335.6	7.3	2%
Majority	0%	0%	NTGI Govt/Credit Index FI	0.0	0.0	0.0	N/A
Woman	9%	2%	Pugh FIC	254.4	248.4	6.0	2%
Majority	18%	5%	SSGA	510.4	497.3	13.1	3%
Majority	9%	2%	Taplin Canada FI	253.6	248.0	5.6	2%
Majority	23%	6%	WAMCO FICP	674.5	661.3	13.2	2%
Majority	9%	2%	Wellington Core Bond	255.3	248.6	6.7	3%
	89%	24%	Subtotal - US Fixed Income	2,576.1	2,518.1	58.0	2%
Woman	1%	0%	Attucks-New Century GT	19.5	19.4	0.1	1%
	1%	0%	Subtotal - Non US Fixed Income	19.5	19.4	0.1	1%
	90%	24%	Total Fixed Income	2,595.7	2,537.5	58.2	2%
Cash							
	10%	3%	Cash	289.9	324.4	-34.4	-11%
	0%	0%	Miscellaneous	0.7	5.0	-4.3	-86%
	10%	3%	Subtotal - Cash	290.6	329.4	-38.7	-12%
	100%	27%	Total - Fixed Income & Cash	2,886.3	2,866.9	19.4	1%

(Fixed Income continued on next page)

Chicago Teachers' Pension Fund
Market Values & Diversity by Manager

(in millions of dollars)

Reporting for the Period ending August 31, 2019

Ethnicity	% Asset	% Fund	Market Value (in millions)		Difference (mth-to-mth)		
	Class		8/31/19	7/31/2019	\$	%	
<u>Fixed Income Totals</u>			<u>Class</u>	<u># of Accts</u>	<u>Market Value</u>		
African American			0.0%	0	0.0		
Asian or Pacific Islander			0.0%	0	0.0		
Hispanic or Latino			21.8%	4	627.8		
Woman			9.5%	2	274.0		
Disabled			0.0%	0	0.0		
Multiple			0.0%	0	0.0		
American Indian or Alaska Native			0.0%	0	0.0		
Majority			58.7%	5	1693.9		
Asset Class Total			89.9%	11	\$2,595.7		
Cash, Miscellaneous, Other			10.1%		290.65		
Grand Total			100.0%		\$2,886.3		
<u>Real Estate</u>							
African American	2%	0%	BIG RE Fd I	13.1	12.9	0.3	2%
Majority	4%	0%	BREDS HG LP	33.9	34.3	-0.4	-1%
African American	0%	0%	Capri Select Fd II PRE	0.0	0.0	0.0	-11%
Majority	8%	1%	Clarion Lion Industrial	61.0	61.8	-0.8	-1%
Multiple	1%	0%	EMREFF PRE FOF	7.6	8.6	-0.9	-12%
Majority	0%	0%	Europa Fd III PRE	1.3	1.3	0.0	-1%
(Real Estate continued on next page)							

(Real Estate continued on next page)

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Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
(in millions of dollars)
Reporting for the Period ending August 31, 2019

Ethnicity	% Asset Class	% Fund		Market Value (in millions)		Difference (mth-to-mth)	
				8/31/19	7/31/2019	\$	%
Majority	0%	0%	Fortress Japan Fd I PRE	1.5	1.6	-0.1	-5%
Majority	0%	0%	Fortress Japan Fd II PRE	<u>3.5</u>	<u>3.3</u>	0.2	7%
			Fortress Japan TOTAL	5.0	4.8	0.2	3%
Majority	0%	0%	Fremont Realty II PRE	0.0	0.0	0.0	0%
Asian American	1%	0%	Green Oak US III	5.9	6.0	-0.1	-2%
Majority	1%	0%	Heitman Fd IV	6.3	6.1	0.2	3%
Latino	0%	0%	Hudson Realty Fd V PRE	0.0	0.0	0.0	0%
Asian American	0%	0%	IC Berkeley III PRE	0.1	0.1	-0.1	-98%
Majority	20%	1%	JP Morgan Strat PRE-OE	159.9	159.5	0.4	0%
Majority	22%	2%	LaSalle Property PRE-OE	172.1	111.0	61.1	35%
Latino	1%	0%	Longpoint RE FD I	8.4	6.9	1.5	17%
Majority	0%	0%	ML Asian RE Fd PRE	0.4	0.4	0.0	-3%
Latino	0%	0%	SASC II	3.6	0.0	3.6	100%
Latino	1%	0%	Oak Street RE Cap Fund IV	8.9	8.8	0.0	1%
Latino	2%	0%	Southwest MF Ptrs PRE	13.5	11.4	2.1	16%
Latino	0%	0%	LONG WHARF VI	2.4	2.4	0.0	0%
Disabled	0%	0%	DV Urban Realty I PRE	0.0	0.0	0.0	0%
Disabled	2%	0%	Newport Cap Fund II	<u>17.5</u>	<u>16.6</u>	0.8	5%
			Newport TOTAL	17.5	16.6	0.8	5%
Majority	0%	1%	PRISA Fd I PRE-OE	153.2	153.2	0.0	0%
Majority	3%	0%	PRISA Fd II PRE-OE	<u>23.9</u>	<u>23.9</u>	0.0	0%
			Prudential (Open-end) TOTAL	177.1	177.1	0.0	0%
Majority	9%	1%	UBS TPF PRE-OE	71.4	71.6	-0.2	0%
Majority	0%	0%	Walton Strt Fd III PRE	0.1	0.1	0.0	-2%
Majority	0%	0%	Walton Strt Fd IV PRE	0.3	0.3	0.0	-2%

(Real Estate continued on next page)

Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
 (in millions of dollars)
 Reporting for the Period ending August 31, 2019

<u>Ethnicity</u>	<u>% Asset</u>	<u>% Fund</u>		<u>Market Value</u> (in millions)		<u>Difference</u> (mth-to-mth)	
				<u>8/31/19</u>	<u>7/31/2019</u>	<u>\$</u>	<u>%</u>
Majority	1%	0%	Walton Strt Fd V PRE	5.2	5.4	-0.2	-5%
Majority	1%	0%	Walton Strt Fd VI PRE	9.4	9.5	0.0	0%
Majority	1%	0%	Walton Strt Mexico Fd 1 PRE	<u>5.0</u>	4.8	0.2	4%
			Walton Street TOTAL	<u>20.0</u>	<u>20.1</u>	<u>-0.1</u>	<u>0%</u>
	100%	7%	Total Real Estate	<u>789.5</u>	<u>721.8</u>	<u>67.6</u>	<u>9%</u>

<u>Real Estate Totals</u>	<u>Class</u>	<u># of Accts</u>	<u>Market Value</u>
African American	1.7%	2	13.2
Asian or Pacific Islander	0.7%	2	5.9
Hispanic or Latino	4.7%	6	36.8
Woman	0.0%	0	0.0
Disabled	2.2%	1	17.5
Multiple	1.0%	1	7.6
American Indian or Alaska Native	0.0%	0	0.0
Majority	<u>89.7%</u>	<u>18</u>	<u>708.4</u>
Asset Class Total	100.00%	30	\$789.5

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Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
(in millions of dollars)
Reporting for the Period ending August 31, 2019

Ethnicity	% Asset	%	Market Value		Difference		
	Class	Fund	(in millions)		(mth-to-mth)		
			8/31/19	7/31/2019	\$	%	
Alternative Investments							
Private Equity							
Majority	46%	2%	Adams Strt Many Fd PE	174.5	176.8	-2.3	-1%
African American	0%	0%	Astra Partners I	1.9	1.9	0.0	0%
(Private Equity continued on next page)							
Majority	1%	0%	EQT Fd VIII	4.0	3.9	0.1	2%
African American	3%	0%	Farol FD II	10.7	10.7	0.0	0%
Majority	0%	0%	Harbourvest Ptrs VI Buyout Fund PE	0.1	0.1	0.0	1%
Majority	0%	0%	Harbourvest Ptrs VI PE	0.3	0.3	0.0	0%
Majority	4%	0%	Harbourvest Ptrs VII PE	16.0	16.0	0.0	0%
Majority	2%	0%	Harbourvest Ptrs VIII PE	6.3	6.3	0.0	0%
Majority	2%	0%	Harbourvest Ptrs Buyout X PE	8.0	7.6	0.4	5%
Majority	2%	0%	Harbourvest Ptrs Venture X PE	6.6	6.6	0.0	0%
			Harbourvest TOTAL	37.3	36.9	0.4	1%
Latino	1%	0%	Hispania Fd II PE	2.2	2.3	-0.1	-4%
African American	0%	0%	ICV Capital Ptrs II PE	0.2	0.1	0.0	13%
African American	3%	0%	ICV Capital Ptrs III PE	10.7	10.6	0.0	0%
African American	1%	0%	ICV Capital Ptrs IV	2.6	2.7	-0.1	-2%
			ICV TOTAL	13.5	13.5	0.0	0%
Majority	3%	0%	KKR Americas Fd XII	12.2	10.9	1.3	11%
Majority	0%	0%	Mesirow Fd I PE	1.9	1.9	0.0	0%
Majority	1%	0%	Mesirow Fd II PE	5.0	5.0	0.0	0%
Majority	2%	0%	Mesirow Fd IV PE	8.4	8.4	0.0	0%
Majority	4%	0%	Mesirow Fd V PE	15.9	15.9	0.0	0%
Majority	1%	0%	Mesirow Fd VII A PE	4.5	3.9	0.7	14%
Majority	2%	0%	Mesirow Fd VII B PE	6.2	6.0	0.2	3%
Majority	0%	0%	Mesirow Fd IX PE	0.6	0.6	0.0	0%
Majority	3%	0%	Mesirow Fd X PE	12.0	11.9	0.1	0%
			Mesirow TOTAL	54.5	53.6	0.9	2%
(Private Equity continued on next page)							

Source of Market Value data is the CTPF Custodian.
This report is unaudited and intended for informational purposes only.

Chicago Teachers' Pension Fund
Market Values & Diversity by Manager

(in millions of dollars)

Reporting for the Period ending August 31, 2019

Ethnicity	% Asset Class	% Fund		Market Value (in millions)		Difference (mth-to-mth)	
				8/31/19	7/31/2019	\$	%
African American	1%	0%	Muller M2 MPEFF PE FOF	2.1	2.1	0.0	0%
Latino	1%	0%	NMS Capital Fd III	2.9	2.8	0.1	5%
Latino	0%	0%	Palladium Ptrs III PE	0.4	0.5	-0.1	-37%
Latino	2%	0%	Palladium Ptrs IV PE	8.6	8.7	-0.1	-1%
Latino	1%	0%	Palladium Ptrs V PE	<u>2.2</u>	<u>2.4</u>	-0.2	-9%
			Palladium TOTAL	11.2	11.6	-0.4	-4%
Majority	0%	0%	Pantheon Europe Fd II PE	0.1	0.1	0.0	-1%
Majority	0%	0%	Pantheon USA Fd III PE	0.3	0.3	0.0	0%
Majority	0%	0%	Pantheon USA Fd IV PE	0.4	0.4	0.0	0%
Majority	0%	0%	Pantheon Asia Fd V PE	1.8	1.9	-0.1	-7%
Majority	1%	0%	Pantheon Europe Fd VI PE	3.0	3.1	-0.1	-4%
Majority	4%	0%	Pantheon Global Fund 2014	14.8	14.8	0.0	0%
Majority	1%	0%	Pantheon Select Access	<u>2.1</u>	2.1	0.0	0%
			Pantheon TOTAL	22.5	22.7	-0.3	-1%
African American	1%	0%	Pharos Fd II PE	3.7	4.5	-0.9	-24%
African American	4%	0%	Pharos Fd III PE	<u>16.1</u>	<u>15.3</u>	0.8	5%
			Pharos TOTAL	19.8	19.8	0.0	0%
African American	1%	0%	RLJ Equity Fd II PE	4.1	4.0	0.1	2%
African American	0%	0%	Syncom Ptrs V PE	0.2	0.2	0.0	-1%
Woman	2%	0%	Turning Rock FD I	<u>9.2</u>	<u>9.2</u>	<u>0.0</u>	<u>0%</u>
	100%	4%	Total Private Equity	382.9	383.0	-0.1	0%

Source of Market Value data is the CTPF Custodian.
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Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
(in millions of dollars)
Reporting for the Period ending August 31, 2019

Ethnicity	% Asset	%	Market Value (in millions)		Difference (mth-to-mth)		
	Class	Fund	8/31/19	7/31/2019	\$	%	
Private Equity Totals							
		<u>Class</u>	<u># of Accts</u>	<u>Market Value</u>			
African American		13.6%	10	52.2			
Asian or Pacific Islander		0.0%	0	0.0			
Hispanic or Latino		4.3%	5	16.4			
Woman		2.4%	1	9.2			
Disabled		0.0%	0	0.0			
Multiple		0.0%	0	0.0			
American Indian or Alaska Native		0.0%	0	0.0			
Majority		<u>79.7%</u>	<u>64</u>	<u>305.0</u>			
Asset Class Total		100.00%	80	\$382.9			
Infrastructure							
Majority	17%	0%	Brookfield Infr Fd III	38.4	36.8	1.6	0.0
Majority	43%	1%	JP Morgan Infr-OE	94.5	92.2	2.3	0.0
Majority	18%	0%	Macquarie (MEIF III) Infr	38.9	37.6	1.3	0.0
Majority	22%	0%	Macquarie (MIP II) Infr	<u>47.9</u>	<u>43.5</u>	4.5	0.1
			Macquaire TOTAL	<u>86.8</u>	<u>81.0</u>	<u>5.8</u>	<u>0.1</u>
	100%	2%	Total - Infrastructure	219.8	210.1	9.7	4%
(Infrastructure continued on next page)							

(Infrastructure continued on next page)

Chicago Teachers' Pension Fund
Market Values & Diversity by Manager
(in millions of dollars)
Reporting for the Period ending August 31, 2019

<u>Ethnicity</u>	<u>% Asset</u> <u>Class</u>	<u>%</u> <u>Fund</u>		<u># of Accts</u>	Market Value (in millions)		Difference (mth-to-mth)	
					<u>8/31/19</u>	<u>7/31/2019</u>	<u>\$</u>	<u>%</u>
Infrastructure Totals			<u>Class</u>		<u>Market Value</u>			
African American			0.0%	0	0.0			
Asian or Pacific Islander			0.0%	0	0.0			
Hispanic or Latino			0.0%	0	0.0			
Woman			0.0%	0	0.0			
Disabled			0.0%	0	0.0			
Multiple			0.0%	0	0.0			
American Indian or Alaska Native			0.0%	0	0.0			
Majority			<u>100.0%</u>	<u>4</u>	<u>219.8</u>			
Asset Class Total			100.0%	4	\$219.8			
Grand Total Fund					10,741.7	10,816.4	-74.7	-1%

Source of Market Value data is the CTPF Custodian.
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Chicago Teachers' Pension Fund
Market Values & Diversity by Manager

(in millions of dollars)

Reporting for the Period ending August 31, 2019

<u>Ethnicity</u>	<u>% Asset</u>	<u>% Fund</u>	<u>Market Value</u> (in millions)		<u>Difference</u> (mth-to-mth)	
			<u>8/31/19</u>	<u>7/31/2019</u>	<u>\$</u>	<u>%</u>
Fund Totals		Class		# of Accts		Market Value
African American	10.8%			26		1160.0
Asian or Pacific Islander	1.3%			6		142.4
Hispanic or Latino	6.8%			18		734.9
Woman	26.0%			11		2790.5
Disabled	0.2%			1		17.5
Multiple	0.1%			1		7.6
American Indian or Alaska Native	0.1%			1		14.5
Majority	<u>52.0%</u>			<u>101</u>		<u>5583.5</u>
Asset Class Total	97.3%			165		\$10,451.0
Cash, Miscellaneous, Other	<u>2.7%</u>					<u>290.65</u>
Grand Total	100.0%					\$10,741.7

Total Fund MWDBE Assets	\$4,867.5	MWDBE Assets as % of Total Fund	45%
MWDBE Active	\$2,700.5	MWDBE Assets as % of Active Assets	33%

Total Fund	\$10,741.7	Passive Assets as % of Total Fund	23%
Total Fund Active	\$8,254.7	Active Assets as % of Total Fund	77%

Note: Percentages may not add up due to rounding

Chicago Teachers' Pension Fund							
Manager of Managers Summary Sheet - Market Values & Diversity by Manager							
(in millions of dollars)							
Reporting for the Period ending August 31, 2019							
Ethnicity	% Asset	% Fund		Market Value		Difference	
				(in millions)		(mth-to-mth)	
	Class	Fund		8/31/2019	7/31/2019	\$	%
ATTUCKS							
Latino	1%	0%	Attucks-Ativo EME	16.5	17.5	-1.1	-6.5%
African American	1%	0%	Attucks-Brown Cap ISCG	21.3	22.7	-1.4	-6.4%
African American	0%	0%	Attucks-Cash Acct LCE	0.0	0.0	0.0	0.0%
Woman	1%	0%	Attucks-GlobeFlex Global	20.0	21.1	-1.0	-5.0%
Latino	1%	0%	Attucks-GloVista EME	17.1	17.8	-0.7	-4.0%
African American	1%	0%	Attucks-Heard ACC	22.6	22.7	-0.1	0%
Latino	0%	0%	Attucks-LM Capital EMD	14.4	14.4	0.0	-0.1%
Woman	1%	0%	Attucks-New Century GT	19.5	19.4	0.1	0.8%
African American	0%	0%	Attucks-Paradigm LCV	10.6	10.8	-0.2	-2.3%
African American	0%	0%	Attucks-Paradigm ILCC	10.5	10.7	-0.2	-2%
Latino	1%	0%	Attucks-Ramirez FIC	19.5	19.0	0.5	2.5%
Woman	1%	0%	Att Redwood IACC	21.8	22.5	-0.6	-2.9%
African American	0%	0%	Attucks-StoneRidge LCC	0.0	0.0	0.0	-3.4%
African American	1%	0%	Attucks-StoneRidge LCChq	21.2	22.0	-0.8	-9.3%
Woman	1%	0%	Attucks-Matarin SCC	20.0	20.9	-1.0	-4.8%
African American	0%	0%	Attucks -Transition	0.0	0.0	0.0	N/A
Subtotal Attucks				234.9	241.4	-6.5	-2.7%

Source of Market Value data is the CTPF Custodian.
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Chicago Teachers' Pension Fund							
Manager of Managers Summary Sheet - Market Values & Diversity by Manager							
(in millions of dollars)							
Reporting for the Period ending August 31, 2019							
Ethnicity	% Asset	% Fund		Market Value		Difference	
				(in millions)		(mth-to-mth)	
	<u>Class</u>	<u>Fund</u>		<u>8/31/2019</u>	<u>7/31/2019</u>	<u>\$</u>	<u>%</u>
LEADING EDGE							
Latino	1%	0%	LEIA-Ativo IE	20.3	21.2	-0.8	-4.1%
African American	1%	0%	LEIA-Brown IE	24.8	20.0	4.8	19.4%
Asian American	0%	0%	LEIA-Cash Acct IE	0.0	0.0	0.0	0.0%
African American	1%	0%	LEIA-Channing IE	20.2	15.9	4.2	21.0%
American Indian	0%	0%	LEIA-Denali IE	14.5	20.2	-5.7	-39.3%
Asian American	1%	0%	LEIA-Foresight IE	19.3	19.5	-0.2	-0.9%
Woman	1%	0%	LEIA-GlobeFlex IE	17.3	23.0	-5.8	-33.4%
Asian American	0%	0%	LEIA-John Hsu IEG	0.0	0.0	0.0	-0.3%
African American	0%	0%	LEIA-Metis EME	<u>5.7</u>	<u>6.2</u>	<u>-0.5</u>	<u>-9.3%</u>
Subtotal				122.2	126.1	-3.9	-3.2%
TOTAL - Manager of Managers Program				357.1	367.5	-10.4	-2.9%

Source of Market Value data is the CTPF Custodian.

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Chicago Teachers' Pension Fund					
Current MWDBE Allocation vs. Target MWDBE Allocation					
(in millions of dollars)					
Reporting for the Period ending August 31, 2019					
	Market Value	Total Class Assets	Current MWDBE Asset Class Allocation	Target MWDBE Asset Class Allocation	Allocation Difference
Total Fund Assets	\$ 4,867.5	\$ 10,741.7	45%	20%	25%
Total Active Assets	\$ 2,700.5	\$ 8,254.7	33%	25%	8%
Total MWDBE Equity	\$ 3,806.9	\$ 6,463.3	59%	30%	29%
Total Minority Equity	\$ 1,299.5	\$ 6,463.3	20%	25%	-5%
Total Woman Equity	\$ 2,507.3	\$ 6,463.3	39%	5%	34%
Total Disabled Equity	\$ -	\$ 6,463.3	0%	0%	0%
Total MWDBE Fixed Income	\$ 901.8	\$ 2,886.3	31%	15%	16%
Total Minority Fixed Income	\$ 627.8	\$ 2,886.3	22%	12%	10%
Total Woman Fixed Income	\$ 274.0	\$ 2,886.3	9%	3%	6%
Total Disabled Fixed Income	\$ -	\$ 2,886.3	0%	0%	0%
Total MWDBE Alternatives	\$ 162.7	\$ 1,392.1	12%	10%	2%
Total Minority Alternatives	\$ 136.0	\$ 1,392.1	10%	10%	0%
Total Woman Alternatives	\$ 9.2	\$ 1,392.1	1%	0%	1%
Total Disabled Alternatives	\$ 17.5	\$ 1,392.1	1%	0%	1%

Note: Percentages may not add up due to rounding

Chicago Teachers' Pension Fund
Illinois Based Investment Managers
(in millions of dollars)
Reporting for the Period ending August 31, 2019

	Market Value (Current Month)	Year End 2018	Year End 2017	Year End 2016
Adams Strt Many Fd PE	\$174.5	168.0	\$142.9	\$124.4
Ariel SCV ^M	0.0	0.0	0.0	0.0
Ariel EAFE ILCV ^M	71.5	69.8	79.3	70.0
Attucks Asset Mgmt DE MOM ^M	234.9	214.8	244.4	205.2
Ativo EME ^{1M}	see below	see below	see below	see below
BMO Global-Harris LCV	298.1	278.7	321.2	270.8
BMO Disciplined SCG	35.5	39.7	0.0	0.0
Capri Select Fd II PRE ^M	0.0	0.1	0.1	0.1
Channing US ACE ^M	144.3	118.7	145.1	135.1
Heitman IV	6.3	0.0	0.0	0.0
Hispania Capital Partners ^M	2.2	2.7	3.7	4.5
Holland LCG ^M	0.0	0.0	0.0	251.6
LaSalle PRE	172.1	107.6	105.0	100.1
Leading Edge IE MOM ^M	n/a	n/a	n/a	n/a
Ativo IE ^{2M}	20.3	19.2	22.8	18.5
Channing IE ^M	20.2	13.7	0.0	0.0
Mesirow	54.5	51.1	52.1	74.1
Muller & Monroe Asset Management ^M	2.1	2.3	2.7	12.1
Newport Capital Fund II	17.5	25.6	19.3	12.0

¹ Ativo EME is a sub-advisor in the Attucks Asset Management Manager-of-Manager program. Attucks and the sub-advisor are located in Chicago. Therefore, Ativo's assets are reported as part of Attucks' Total Market Value.

² Ativo IE and Martin LCC are IL based sub-advisors in a Manager-of-Managers program where the Manager-of-Manager is not IL based. Therefore, the sub-advisors' Market Values are reported separate from the Manager-of-Managers.

^M=Minority Manager

Note: Percentages may not add up due to rounding

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Chicago Teachers' Pension Fund Illinois Based Investment Managers (in millions of dollars) Reporting for the Period ending August 31, 2019				
	Market Value (Current Month)	Year End 2018	Year End 2017	Year End 2016
Northern Trust Corporation	196.1	1,215.8	1,468.9	1,932.4
Oak Street Real Estate	8.9	6.2	0.0	0.0
Pluscios Mgmt HFOF ^M	0.0	0.0	0.0	19.5
Progress Invest DE MOM ^M	n/a	n/a	n/a	n/a
Martin LCC ^{2M}	0.0	0.0	0.0	0.0
TCB Broadway ^M	0.0	0.0	0.0	0.0
TCB DV Urban PRE ^M	0.0	0.0	1.2	3.0
Walton Street Capital	20.0	24.0	25.0	34.2
William Blair & Company	790.4	684.5	855.0	666.3
Total	\$2,269.3	\$3,042.5	\$3,488.6	\$3,933.9
IL Managed Assets as % of Total Fund	21%	31%	32%	40%
IL Minority Managed Assets as % of Total Fund	4%	4%	4%	7%

¹ Ativo EME is a sub-advisor in the Attucks Asset Management Manager-of-Manager program. Attucks and the sub-advisor are located in Chicago. Therefore Ativo's assets are reported as part of Attucks' Total Market Value.

² Ativo IE and Martin LCC are IL based sub-advisors in a Manager-of-Managers program where the Manager-of-Manager is not IL based. Therefore, the sub-advisors' Market Values are reported separate from the Manager-of-Managers.

^M = Minority Manager

Note: Percentages may not add up due to rounding

Chairperson Rodriguez moved the Report of the Claims and Service Credits to the Omnibus.

REPORT OF THE COMMITTEE ON CLAIMS AND SERVICE CREDITS

Application for Pensions

The Committee on Claims and Service Credits reported that applications for pensions were presented for the persons, hereinafter listed, with the recommendations that they be approved and granted in the amount and under the conditions set forth herewith.

In the case of each applicant for a service or disability pension, the employment of the teacher has terminated, the legally-prescribed minimum years of teaching service were completed, and requirements with respect to age, the Illinois Retirement Systems Reciprocal Act (if applicable), and the Illinois Pension Code were fulfilled.

Each applicant for a survivor's or reversionary pension furnished proper evidence of his/her right to receive such benefit.

PENSIONS GRANTED

9/01/2019-9/30/2019

	Name of Member	School or Final Status	1st Check Date	Years of Service	Effective Date	Annual Pension
*	AMARIN, MANAL	SCHURZ H S	09-02-2019	22.00	07-07-2019	31,969.56
*	ARMSTRONG, ROBERT HOWARD	EDUC GENERAL	09-02-2019	28.71	07-21-2019	18,638.04
*	AYALA-IBARRA, MARIA C	SALAZAR BIL ED CT	09-02-2019	25.33	07-07-2019	38,135.40
*	BEUCHER, DAVID CARL	EDUC GENERAL	09-02-2019	28.38	07-07-2019	48,960.12
*	COLLINS, VALERIE MICHELE	SIMEON CAREER ACA	09-02-2019	22.22	08-30-2019	44,774.40
*	CRESSWELL, SHEBA LYNN	EDUC GENERAL	09-02-2019	31.83	07-21-2019	62,758.56
*	DILLA, MARY A	STOCK	09-02-2019	21.32	01-07-2018	37,133.88
*	DOYIAKOS, JAMES DIMITRIOS	AMUNDSEN H S	09-02-2019	29.39	06-23-2019	52,265.64
*	EDMUNDSON, WILLIE G	CHICAGO VOCATIONA	09-02-2019	18.21	06-23-2019	36,151.68
*	ESKOZ, DAVE M		09-02-2019	20.52	07-29-2010	8,288.88
*	ESPARZA, JEANNINE KAY	PICCOLO ELEMENTAR YOUTH CONNECTION	09-02-2019	13.93	06-02-2019	19,967.88
*	FLOREN, ELLEN N	COMM. ACADEMY	09-02-2019	10.85	06-23-2019	12,493.56
*	GEROULIS, MARY ANNE	EDUC GENERAL	09-02-2019	20.35	12-23-2018	35,785.68
*	HALE, PHILSTINE		09-01-2019	25.91	09-01-2019	17,953.20
*	HARMON, KIMBERLY ANN	MCKAY	09-02-2019	23.42	07-07-2019	42,442.44

* Denotes preliminary pension

	Name of Member	School or Final Status	1st Check Date	Years of Service	Effective Date	Annual Pension
*	HUTCHINSON, DENISE LEWIS	GOODLOW MAGNET	09-02-2019	26.23	09-01-2013	37,728.00
*	KELL, LYUDMILA	LANG & CULTUR	09-02-2019	22.06	08-13-2019	57,413.04
*	LEWIS, JAMES DAVID	SCHURZ H S	09-02-2019	34.72	06-23-2019	67,694.76
*	MELACHRINIDIS, XANTHOULA	WEST PULLMAN	09-02-2019	8.28	05-04-2019	10,908.84
*	MITCHELL, ANGELETA R.	HEFFERAN	09-02-2019	43.88	07-21-2019	76,200.36
*	MOEHRING, TRUDI LOUISE	HOLDEN	09-02-2019	28.59	05-26-2019	53,379.12
*	MORENO, NORMA AMELIA	OROZCO ACADEMY	09-02-2019	32.61	08-09-2019	68,418.24
*	MURRAY, JANET OGUNSANYA, CLAUDETTE	EDUC GENERAL	09-02-2019	12.16	10-07-2018	21,424.80
*	MARIE	SOUTHSIDE ACAD	09-02-2019	6.64	02-13-2019	6,564.36
*	PAULINSKI, JUANITA NINI	MURRAY LANG ACAD	09-02-2019	28.59	07-07-2019	61,889.88
*	PEREZ, ALINA	MERICAN NOBLE STREET	09-02-2019	25.50	07-21-2019	52,908.60
*	PROBST, REBECCA	CHARTER	09-02-2019	19.00	07-07-2019	28,897.44
*	PYCKE, ELAINE M		09-02-2019	6.24	12-16-2014	4,185.84
*	RICHARDS, GWYNNE KATHRYN	JACKSON ACAD	09-02-2019	32.14	08-04-2019	67,878.84
*	ROSS, MELINDA D	HEFFERAN	09-01-2019	17.86	09-01-2019	19,711.68
*	ROYZEN, MARGARET L	EDUC GENERAL	09-02-2019	14.05	08-04-2019	23,749.32
*	SHOFFNER, JOSEPH ANTHONY	MCCLELLAN	09-02-2019	27.79	08-04-2019	85,942.32
*	SIER, MONTE JAMES	HIGGINS COMM ACAD	09-02-2019	25.00	07-07-2019	53,044.92
*	SOLIS, JOSE EFRAIN	KILMER	09-02-2019	25.14	07-07-2019	51,212.64
*	SPENCE, SHERYL JANE	LANE TECH H S	09-02-2019	16.29	08-04-2019	30,747.72
*	STRAUTHER-SANDERS, PAM	BRIGHT	09-02-2019	37.34	08-18-2019	98,497.08
*	SYGITOWICZ, GRAZYNA JANINA	LOCKE	09-01-2019	25.11	08-04-2019	53,456.28
*	TRAYLOR, STEVEN	CLEMENTE COMM ACA	09-02-2019	9.28	07-21-2019	12,051.00
*	WALSH, MARGARET MARY	BROWN ACADEMY	09-02-2019	29.37	08-14-2019	60,679.92
*	WASIK, JOSEPH ZBIG	CURIE METRO H S	09-02-2019	31.61	07-07-2019	69,407.28
*	WIRTZ, MARY ELLEN M	EDUC GENERAL	09-02-2019	13.71	07-21-2019	5,846.04
*	YANGAS, PHILLIP	STEINMETZ A C	09-02-2019	15.00	05-26-2019	27,965.64
Total Pensions:		8,555,649.72				
Average Pension:		50,327.35				
Average Service Years:		25.37				
Count of Pensions		170				

PENSIONS FINALIZED**9/01/2019-9/30/2019**

Name of Member	School or Final Status	1st Check Date	Years of Service	Effective Date	Annual Pension
ANTHONY, LYNDIA D	WASHINGTON G	07-01-2016	38.94	09-2019	67,794.96
ANTKIEWICZ, JOZEFA	CHGO MILITARY ACA	07-02-2018	15.73	09-2019	32,306.64
BEJAR, REBECA		04-01-2019	1.05	09-2019	2,104.68
BOHACSIK, AGNES MARIA	BURLEY FRAZIER INTL BACCL	07-02-2018	34.26	09-2019	75,482.52
BRYANT, AVIS PATRICE	MAG SCH	07-02-2018	30.49	09-2019	64,344.48
CANNOVA, THERESE GAIL	SCHUBERT	06-01-2018	30.40	09-2019	98,220.12
CHOI, RICHARD S	VOLTA	08-01-2017	30.34	09-2019	67,091.64
CLARK, YVONNE V COFRE KELHAM, NORMA CECILIA	SUTHERLAND KELVYN PARK H S EDISON LONGWOOD	07-02-2018	21.54	09-2019	44,383.68
COLLINS HARMON, DORIS J	CAMPUS	12-01-2016	33.83	09-2019	87,264.24
COSBY, BONITA		04-02-2018	27.87	09-2019	58,659.12
COUTAIN, RUDOLPH KYRON	LAWNDALE COMM ACA	08-01-2018	20.94	09-2019	40,767.36
DOODY, MARIBETH	SPEC SVCS SUP	06-02-2014	19.00	09-2019	33,228.96
DORNA, GEORGE FRANK	SCHURZ H S	12-03-2018	17.37	09-2019	35,841.60
FINKEL, RUTH A	LINCOLN	07-02-2018	26.46	09-2019	55,611.72
GONZALEZ-JAKOB, MARIA C	EDUC GENERAL	03-01-2018	9.40	09-2019	4,014.48
GULLEDGE, AVA	GOMPERS	07-03-2017	27.05	09-2019	55,894.44
HALE, ELIZABETH	JAMIESON	07-02-2018	38.89	09-2019	71,650.44
HASTINGS, PATRICIA ANNE	DISNEY MAGNET	07-03-2017	43.95	09-2019	72,593.52
HERNDON, JOYCE MARIE	DRAKE	08-01-2017	26.38	09-2019	57,706.80
HOGAN, ELIZABETH ANNE	SMYTH	07-03-2017	23.33	09-2019	48,533.04
JACKSON, TOBY JUANITA	HUBBARD H S	08-01-2018	35.89	09-2019	71,943.00
KNIGHT, DONNA ANNE	DRUMMOND MARIANO AZUELA ELEM	07-02-2018	33.44	09-2019	72,057.60
LEBRON, ROSA NELIDA	SCHOOL	07-03-2017	33.15	09-2019	69,271.32
LEKKAS, HARRY GEORGE	VANDERPOEL MAGNET	07-03-2017	34.29	09-2019	75,363.00

Name of Member	School or Final Status	1st Check Date	Years of Service	Effective Date	Annual Pension
LETTMAN, GAIL ANGELLA	EARLY CHILDHO	08-01-2017	27.49	09-2019	60,754.68
LOBL, ARTHUR B LOMBARDO, MARTIN RAYMOND	EDUC GENERAL	05-01-2018	17.44	09-2019	35,994.60
LONGHI, LAURA MALEK	FOREMAN H S	11-01-2017	28.85	09-2019	43,045.80
MCCRAY, TERESA LOUISE	PLAMONDON	03-01-2018	22.00	09-2019	43,973.88
MCDONALD, SUSAN LYNN	EDUC GENERAL	07-03-2017	23.16	09-2019	20,561.04
MEADE, MARY THERESA	FINANCE GENL	11-01-2017	31.50	09-2019	64,400.40
MURPHY, MARGARET LYNCH MURPHY, MARGARET ELIZABETH	CHRISTOPHER	07-03-2017	24.97	09-2019	54,296.04
PEVSNER, JANET HELENE	SPEC SVCS SUP	07-03-2017	13.82	09-2019	26,223.60
RYBICKI, GARY WAYNE	EDUC GENERAL	06-01-2018	20.86	09-2019	43,896.24
SAIEH, GINA MARIE SCHUMACHER, CATHERINE ANNE	SPEC SVCS SUP	07-02-2018	35.33	09-2019	79,216.56
STEVENS, ADJORA FAITH	EDUC GENERAL	12-01-2016	19.82	09-2019	37,708.20
TRUJILLO, ALBERTO ORLANDO	PECK	07-02-2018	21.48	09-2019	43,745.28
WESTERVELT, LAURA LOUISE	MT GREENWOOD	07-03-2017	27.53	09-2019	54,822.12
WILLIAMS, BRENDA FAYE	TWAIN	07-01-2018	21.07	09-2019	43,199.40
WILLIAMS, MARTHA DIANNA	SPEC SVCS SUP	07-03-2017	21.55	09-2019	41,666.16
WILLIAMS, PAMELA J	AMUNDSEN H S	11-01-2017	20.87	09-2019	41,277.96
WRIGHT, SHARON	LIBBY	11-01-2018	23.05	09-2019	50,642.04
	CROWN COMM ACAD	07-02-2018	34.87	09-2019	74,792.04
	SOUTHSIDE ACAD	12-01-2017	28.95	09-2019	63,055.20
	EDUC GENERAL	08-01-2016	16.31	09-2019	13,995.00
Total Pensions:		2,368,427.52			
Average Pension:		52,631.72			
Average Service Years:		26.01			
Count of Pensions:		45			

RECIPROCAL RETIREMENT PENSIONS

9/01/2019-9/30/2019

Name of Member	School or Final Status	1st Check Date	Years of Service	Effective Date	Annual Pension
* ALBARRAN, LETICIA L	DAVIS	09-02-2019	24.09	06-23-2019	50,966.64
* BERRY, STEVE WAYNE	LOCKE	09-02-2019	20.90	07-07-2019	43,853.40
* CHAPIN-PALDER, ELIZABETH	SPEC SVCS SUP	09-02-2019	28.69	08-04-2019	66,626.88
* CONGIOUS-GANT, TAMMY	FINANCE GENL	09-02-2019	22.98	08-10-2019	49,388.04
* LAURENE					
* EARLANDSON, JEANETTE LYNNE	YOUNG MAGNET H S	09-02-2019	28.63	07-07-2019	61,417.08
FUDACZ, MONICA D		09-02-2019	1.05	03-15-2019	1,738.56
* GALLAGHER, MICHAEL K	MADERO MIDDLE	09-02-2019	24.46	06-23-2019	51,527.28
* GARCIA, ADELFO J	ORTIZ DE DOMINGUE	09-02-2019	24.09	08-04-2019	59,829.24
* HOWZE, DANITA JUANA	HEFFERAN	09-02-2019	32.29	06-23-2019	79,718.52
* INGEBRETSEN, JULIA	CLAY	09-02-2019	8.62	06-23-2019	13,966.32
* KALBLE, KATHLEEN	CHICAGO ACADEMY	09-02-2019	3.11	06-08-2018	4,027.80
* LANG, MARIANNE L	LOCKE	09-02-2019	13.81	06-23-2019	24,831.96
* MARCANO, ENRIQUE		09-02-2019	7.00	09-01-2019	13,207.92
* MILAN, MINDY M		09-02-2019	2.63	09-01-2019	6,005.88
* MOONEY, TIMOTHY O		09-02-2019	8.83	09-01-2019	20,282.76
* NILSON, TERRI J		09-02-2019	19.56	09-01-2019	43,960.44
* NOVAK, DIANE L	SAUCEDO SCHOL ACA	09-02-2019	3.03	09-01-2019	3,895.92
PORTNOY, LINDA R		09-02-2019	2.85	06-07-2019	5,433.84
* SAMLUK, BETTY M		09-02-2019	13.08	09-01-2019	17,958.84
* SCHLESSINGER, FRED		09-02-2019	7.03	09-01-2019	13,301.76
* SIP, KRYSTYNA	DEVER	09-02-2019	9.04	08-10-2019	10,562.88
* TATARA, JOLANTA	KELLY H S	09-01-2019	21.33	05-11-2019	46,193.04
* TELLEZ, ISABEL CRISTINA	SCHOOLS & REGIONS	09-01-2019	32.01	06-23-2019	83,779.80
* TILLMAN, SARAH ANN	L.E.A.R.N.	09-02-2019	14.46	06-22-2019	21,881.04
* WALSH, MAUREEN MCNALLY	SEWARD	09-02-2019	25.25	07-07-2019	55,209.00
Total Reciprocal Pensions:	849,564.84				
Average Pension:	33,982.59				
Average Service Years:	15.95				
Count of Reciprocal Pensions	25				

* Denotes preliminary pension

SURVIVORS PENSIONS**9/01/2019-9/30/2019**

Name of Member	1st Check Date	Years of Service	Effective Date	Annual Pension
ADAMS, PATRICIA A (WIFE OF GARY C ADAMS)	09-02-2019	33.90	05-01-2019	22,482.96
ANDERSON, WILLIE (HUSBAND OF ROSEMARY ANDERSON)	09-02-2019	38.87	06-01-2019	42,150.00
BROWN, JAYLEN MARVIN (DAUGHTER OF DANIEL BROWN)	09-02-2019	12.83	01-13-2019	3,600.00
BROWN, JAYDAN CORKY (SON OF DANIEL BROWN)	09-02-2019	12.83	01-13-2019	3,600.00
CIESLAK, ILZE L (WIFE OF MARTIN P CIESLAK)	09-02-2019	34.40	06-01-2019	42,305.16
DOGADALSKI, DANUTA (WIFE OF JOSEPH DOGADALSKI)	09-01-2019	35.80	07-01-2019	29,872.20
FRANK, RITA (WIFE OF ROBERT FRANK)	09-02-2019	38.00	07-01-2019	51,447.72
HILL, EVERT L (HUSBAND OF BEVERLY RENA CAIN-HILL)	09-02-2019	26.12	09-22-2018	28,580.16
JOHNSON, SHIRLEY F (WIFE OF ROBERT L JOHNSON)	09-02-2019	41.90	06-01-2019	45,088.92
JOHNSON, VICTORIA LYNN (DAUGHTER OF BARRY A JOHNSON)	09-02-2019	18.99	03-01-2019	12,845.88
KANDALEC, JUDITH M (WIFE OF CHARLES D KANDALEC)	09-02-2019	32.10	04-01-2019	30,341.40
LEWIS, DIANE LEE (WIFE OF EDWARD A LEWIS)	09-02-2019	30.39	07-01-2019	41,691.24
NICHOLS, FRANCES T (WIFE OF JOHN W NICHOLS)	09-02-2019	38.80	06-01-2019	53,669.52

ROLLING, KYRA09-02-2019 17.63 12-15-2013 16,905.96
(DAUGHTER OF GLENDA E GRIFFIN)

STINSON, BERNARD D09-02-2019 34.35 07-01-2019 33,418.44
(HUSBAND OF ROCHELLE DENISE STINSON)

Count of Pensions:	15
Total Pensions:	457,999.56
Average Pension:	30,533.30
Average Service Years:	29.79

9/01/2019-9/30/2019

Name	Reason	Type of Pension	Rate Of Pension	Date Cancelled
BADAMI ANGELINA	EXCEED AGE LIMIT	SURVIVORSHIP - STEP W/2.2	285.04	09-30-2019
FLORES DANIEL	EXCEED AGE LIMIT	SURVIVORSHIP - 2.2	392.35	09-30-2019
SHAROD SOUNDJARA	EXCEED AGE LIMIT	SURVIVORSHIP - 2.2	150.00	09-30-2019

SUMMARY OF PENSIONS GRANTED

09/01/2019-09/30/2019

	At this Meeting	Year to date
PENSIONS	42	212
RECIPROCAL	25	59
SURVIVOR	15	55
REVERSIONARY	0	0
Total:	82	326
FINALIZED	45	122

DEATH BENEFITS

The Committee on Claims and Service Credits reported that documents pertaining to claims for death benefits were examined and verified, and recommended approval.

In support of these claims, the Committee reported that death benefits were for persons whose dates of death were certified and whose heirs, beneficiaries, administrators, or executors furnished proper evidence to receive such payments.

Single Payment of Death Benefit

9/01/2019-9/30/2019

Deceased	Beneficiary	Amount
SINGLE PAYMENT OF DEATH BENEFIT		
ALTVATER, BARBARA J	MARK SCHEFFLER	1,250.00
ANDERSON, KATHLEEN BOYLE	JOHN H ANDERSON	5,000.00
ARCHIE, MAIZELLE C	AMBER JESSICA ANDERSON	2,500.00
ASKINS, ELMER	VIRGINIA L. ASKINS	5,000.00
BEATER, FRANK O	KRYSTAL NORWOOD- MORALES	1,666.66
BERRY, BARBARA J	CHRISTIELOVE HARRIS	5,000.00
BLUMTHAL, MARSHA ANN	DANA N KIERAS	1,666.67
	KARIN E STRYKOWSKI	1,666.66
	LESLEY B JORGE	1,666.67
BOWERS, PAUL G	SHARON J BASS	5,000.00

Deceased	Beneficiary	Amount
BROWN, FLORENCE P	ERIC L BROWN MD	2,500.00
BROWN, REGINALD V	ROSALIND BROWN	2,500.00
CAPLES, PATRICIA B	KEVIN MATTHEW CAPLES	2,500.00
	LEVESTER W CAPLES	2,500.00
CLARK, DOROTHY P	ESTATE OF OTIS GROVE JR	5,000.00
CORNELIUS, MELVYN T	VIVIAN M GILLIS	2,500.00
	GIRARD G GILLIS	2,500.00
CRAWFORD, DARLENE D	BRIAN R CRAWFORD	2,500.00
DAVIS, ANNIE L	TEWANDA M DOBBINS	95.93
DAVIS, OTHA L	LEFLORA DAVIS	10,000.00
DORIGAN, GAIL	PATRICK R DORIGAN	5,000.00
DOYLE, JOAN A	ANTHONY R ROBACK	2,500.00
DUDLEY, THELMA S	LEANDER DUDLEY JR	1,650.00
DUFNER, DONALD T	PETER DUFNER	2,500.00
EBINGER, EDITH F	RAYMOND L EBINGER	2,242.83

Deceased	Beneficiary	Amount
	CTPF (TO OFFSET OVERPAYMENT)	514.34
	ALLEN D EBINGER	2,242.83
EIGENBAUER, ROBERT F	MARGA M EIGENBAUER	5,000.00
EVANS, ALICE LEE	ALFRED LENON EVANS JR	1,250.00
EVANS, MARY L	KASSIE EVANS	5,000.00
FLEMING, PATRICIA A	ROBERT C FLEMING	1,650.00
	MARY C FLEMING	1,700.00
	FREDERICK W FLEMING	1,650.00
FRANCZYK, MARY KAY	PEGGY JOSEPHINE FRANCZYK	2,666.66
FRICK, CORENE	THOMAS V COWPERTHWAIT	1,666.50
	WILLIAM C COWPERTHWAIT	1,666.50
	CAROL A CUNNINGHAM	1,667.00
GANSINGER, BETTY C	ST GERMAINE CATHOLIC CHU	5,000.00
GURZEJK, MARIE T	JOSEPH P GURZEJK ESTATE	5,000.00
HILL, JOHN W	PHILLIP S HILL	2,169.98
	f	660.04
	SCOTT G HILL	2,169.98
HINZ, FRANKLIN	CHARDEL OLIVE HINZ	5,000.00

Deceased	Beneficiary	Amount
HOESCHEN, EDITH B	BRIAN JAMES HOESCHEN	2,500.00
JACKSON, BERNADINE Y	AMARA A L JACKSON	1,250.00
JAFFE, HYMAN	NORMA LITA JAFFE	5,000.00
JETER, IRIS L	CARRIE L ABERNATHY	2,500.00
KANGLES, CECILIA M	ELIZABETH ANN KANGLES	2,500.00
KUBINSKI, LEROY J	LEIGH A WITKIEWICZ	1,666.67
	PAUL E KUBINSKI	1,666.66
	LYNN E PROCACCIO	1,666.67
KUHL, MARGARET G	CATHY PATRICIA GEYER	1,250.00
	THOMAS M KUHL	1,250.00
	MARGARET M GUTH	1,250.00
	ARTHUR KUHL JR	1,250.00
LIMPERIS, MARIA E	THEODORE LIMPERIS	1,666.66
LINDEN, JOHN W	THERESE L HODGES	5,000.00
LONERGAN, FRANCES	DAVE A FOSTER	1,666.67
MALONE, LORETTA A	ARLENE CUNNINGHAM	5,000.00

Deceased	Beneficiary	Amount
MASON, BETTY H	DEBORAH HOLMES COOK	2,500.00
	ARTHUR HOLMES JR	2,500.00
MCBRIDE, MITCHELL	CTPF (TO OFFSET OVRPMT)	5,000.00
MIVELAZ, AUDREY E	EST OF AUDREY MIVELAZ	129.93
MUTH, RUTH M	ANNE MARIE KRALL	2,500.00
	KATHERINE MARY KRALL	2,500.00
NELLIGAN, BEATRICE H	JOSEPH W NELLIGAN	5,000.00
O'NEAL, GLEN R	TAMMY O'NEAL	1,666.67
	ETHEL MAE O'NEAL	1,666.67
	TERRENCE O'NEAL	1,666.66
PACYNIAK, TERESA JADWIGA	THADDEUS PACYNIK	5,000.00
PARQUE, BETTYE J	KAREN J PARQUE-BENTON	2,500.00
	DARRYL KEVIN PARQUE	2,500.00
PARTEKEL, DENNIS F	JAMES DENNIS BECK	2,500.00
PETERS, MARY E	PATRICIA MCCARTER	2,500.00
	LOIS J RUPE	2,500.00
POWELL, DORIS BEATRICE	ALPHA KAPPA ALPHA SORORITY	1,250.00

Deceased	Beneficiary	Amount
PRESSBURGER, BARBARA A	BARBARA PRESSBURGER TRUST	5,000.00
ROBIN, BURTON H	SUZANNE M KRILL	5,000.00
ROWE, EARL C	BERTHA CAROLYN ROWE	5,000.00
ROYSTER, AARON L	KRISTINA ROYSTER LYNCH	1,666.66
SAMUEL, CATHERYN B	JACQUELINE SAMUEL	2,500.00
	GWENDOLYN SAMUEL MILLER	2,500.00
SHAW, DOROTHY MAE	CTPF (TO OFFSET OVERPAYMENT)	1,688.30
	DOMINIQUE YVONNE SHAW	1,103.90
SISON, GAYLE M	JOHN T SISON	4,000.00
SKOPIS, CATHERINE E	CHRIS A. SKOPIS	5,000.00
STRAUSS, ELLEN ANN	HARLAN STRAUSS	5,000.00
SZAFRAN, GRACE CAROLINE	JOHN SZAFRAN	10,000.00
THOMAS, LARENA	PERTRICE F BUMPAS	5,000.00
UMECKER, JUNE K	JANET U HANSEN	5,000.00
WATTS, EZYMA	WILLIE B ENGLISH	2,500.00

Deceased	Beneficiary	Amount
WOODLOCK, VIRGINIA	JOSEPH W WOODLOCK	5,000.00
WRIGHT, PHYLLIS S	PATRICK JAMES WRIGHT	3,758.00
	CTPF (TO OFFSET OVERPAYMENT)	1,242.00
		\$275,501.37
REFUND OF CONTRIBUTIONS		
BROWN, DANIEL	JAYLEN MARVIN BROWN	6,710.92
	JAYDAN CORKY BROWN	6,710.92
EASTERLING, JOE	CTPF (TO OFFSET OVERPAYMENT)	1,364.56
FRANCZYK, MARY KAY	PEGGY JOSEPHINE FRANCZYK	7,388.96
SZAFRAN, GRACE CAROLINE	JOHN SZAFRAN	141,095.90
		\$163,271.26
Grand Total of All Death Benefits		\$438,772.63

REFUNDS

09/01/2019 -9/30/2019

The Committee on Claims and Service Credits reported that documents pertaining to claims for refunds, listed herewith, were examined and verified, and recommended approval thereof.

2.2 Excess Contributions

SHEARD, JANET MARIE	6,063.46
TOTAL 2.2 EXCESS CONTRIBUTIONS	6,063.46

Contract OverPayment

GARCIA-SIERRA, MONICA	26.17
LUBOMSKI, CARON P	13.46
SHAW, CHRISTOPHER STARKS	1,889.39
SHELHAMER, SHARON LEIGH	8,295.64
SORKIN, SANDRA F	3,560.86
STANFORD, CAROL ELAINE.....	2,963.68
STEEL, JOHN ELMER	4,816.03
TRACY, RUSSEL LORD.....	5,369.02
WILLIAMS, CAROLYN SUE.....	1,246.06
TOTAL CONTRACT OVERPAYMENT	28,180.31

Contract Refund

LEKKAS, HARRY GEORGE	2,255.76
TOTAL CONTRACT REFUND	2,255.76

Excess Contrib.

AVILA, DALIA MARIA	8.38
BAKER, JAMIECEE G	40.27
BODY, JERLINE	37.56
CHOI, RICHARD S	17.86
GARDNER, NATHAN SCOT	11.10
GWILLIAM, GILBERT F.....	39.64
MOULTRY, ORLEAN N	17.86
PORTNOY, LINDA R	1.40
ROCHESTER, GAIL D	25.90
SOBLE, JULIANNE THERESE	32.42
STAEBLER, LAURA M	13.20
TYRRELL, MARY ICENOGLE	90.31
TYRRELL, MARY ICENOGLE	9.91
TOTAL EXCESS CONTRIB.	345.81

Survivor Contributions

ANTHONY, LYNDA D	138.73
ANTKIEWICZ, JOZEFA	164.34
BIELECKI, GLORIA M	15,296.42
BROWN, GREGORY CLIFT	6,266.65
DZOGA-BORG, THERESA	12,673.11
FALKENBERG, PAMELA ANN	17,949.10
GRADY, LAURENTINE CATHERINE	2,361.82
HARPER, NANCY ANN	4,456.73
HARRIS, JOHN ALBERT	22,344.35
HASTINGS, PATRICIA ANNE	188.84
HEARN, WARREN L	15,307.58
HERNDON, JOYCE MARIE	16,436.68
JACKSON, TOBY JUANITA	39.52
KONRATH, THERESA MARIE	45.87
LIVINGSTON, CYNTHIA VORYCE	16,604.28
MCCRAY, TERESA LOUISE	41.67
MELTON, WILENE MAE	18,800.85
MORAN, GLENDA BARBARA	14,824.69
PEVSNER, JANET HELENE	190.56
PHELAN, AUDREY RENEE	14,788.86
REED, JACQUELINE	13,658.73
SAVICKAS, ROBERT ALLEN	13,583.23
SCHIESSL, DANIEL MARK	15,885.48
SCHUMACHER, CATHERINE ANNE	153.82
SHEARD, JANET MARIE	12,046.80
STEVENS, ADJORA FAITH	162.11
TRANI, INES	18,513.54
WILLIAMS, DENISE E	7,248.44
WING, MARIE CHRISTINE	13,162.19
WRIGHT, SHARON	26.66
TOTAL SURVIVOR CONTRIBUTIONS	273,361.65

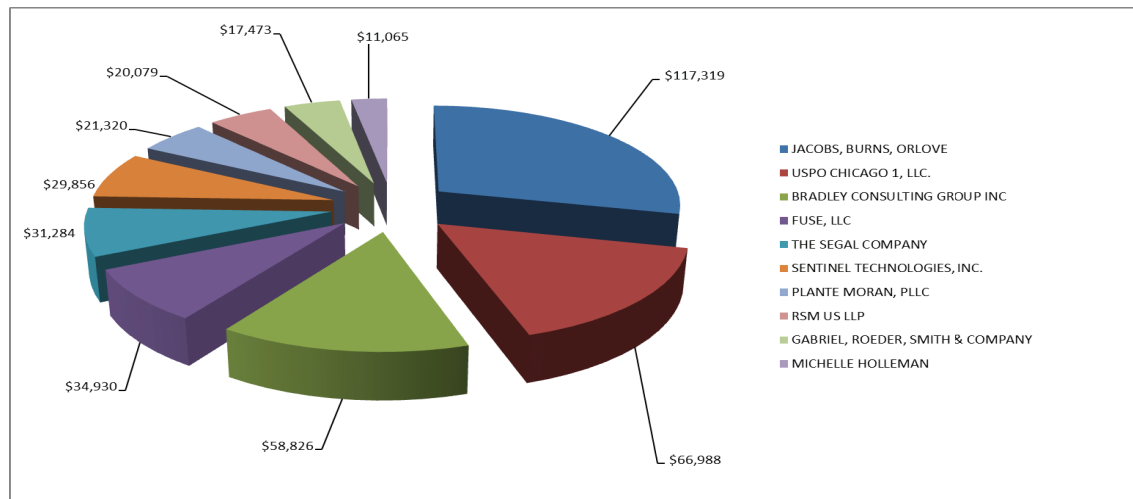
Termination Refunds

ANDERSON, TIMOTHY	108,587.29
AVILA, LUCIA	14,087.62
BARTLEY, JEANETTE RENEE	59,036.16
BIVENS, NATALIA MITCHELL	5,073.05
BLACK, AMY	164.04
BURKE, KATELYN M	20,025.34
CHRISTIE, WILLIAM A	4,212.16
COLLAINS, SHELLY	1,915.33
COLON, ELIZABETH R	4,321.11
COOPER, JASMINE E	10,652.08
COX, PATRICK	32,763.94
CRUZ, JERICO M	1,482.22
DAVIS II, GEORGE R	19,590.32
DELIGIANIS, ANASTASIA	2,688.01
DEMBEK, SUSAN D	1,997.23
DIRE, JEFFREY M	352.00
FALSGRAF, NATALIE R	6,713.88
GALLAGHER, MEGAN N	32,867.38
GARCIA, FRANCISCO	2,109.90
GLASSNER, STEPHEN ANDREW	4,499.99
GOODE, JOCELYN N	16,940.37
GRIFFIN, JENNIFER J	476.19
GUPTA, KATHRYN A	4,934.30
HARMON, AUDREY	384.37
HOLCOMB, JONATHAN G	7,051.22
HOWARD, MARK H	20,052.30
IRVING-GREEN, KATHERINE M	12,640.08
JACKSON, BILLY H	17,884.66
JOHNSON, BENJAMIN E	9,997.41
JOHNSON, KASANDRA L	17,198.96
KERR, EVELYN	2,211.94
KINTZLE, STAR J	6,007.41
LEE, JANET	2,417.29
LOPEZ GARCIA, ADRIANO	23,182.00
LORD, AMANDA MICHELLE	45,223.66
MAMMADOVA, TURKANA E	7,432.25
MARQUETTE, LINDSAY	6,657.12
MARSHALL, ANTOINETTE	20,120.11
MCQUILLAN, KEVIN	12,556.21
MONAHAN, DANIELLE M	2,543.70
MORRIS, JANE K	3,922.54
MUHAMMAD, WILLIAM C	414.59

OREKHOV, NIKOLAY	9,024.34
PETRALIA, LAUREN E	22,887.95
PHILLIPS, LAMON	14,730.28
RAPIER, WILLIAM ALLEN	13,415.59
ROBINSON, SARAH L	24,146.99
ROGERS, ANN E	6,461.06
ROGERS, NATHANIEL	23,708.99
ROSS, TIFFANEY W	6,045.28
SORKIN, LISA CHRISTINE	5,821.86
SUAREZ LOPEZ, AMANDA	17,115.98
TINOCO, LILIANA	19,774.98
TOGNONI, JULIE M	10,174.42
WAKEFIELD, HELEN E	2,013.11
WESTON, ERIN	4,602.57
WILLS, JAMES A	4,264.56
WOJTAN, STEFAN J	4,714.24
WRIGLEY, RAKEESHA N	1,422.57
ZAKRZEWSKI, SIMON PETER	14,428.48
ZWOLAN, MAX S	7,500.10
TOTAL TERMINATION REFUNDS	785,641.08
 GRAND TOTAL OF ALL REFUNDS	 1,095,848.07

Chairperson Redfeairn moved the Report of the Committee on Finance and Audit and the Report of the Financial Secretary to the Omnibus.

The following chart represents the top 10 administrative expenses for the month of September 2019, comprising 79% of the total administrative expenses.



- 1 **JACOBS, BURNS, ORLOVE:** Legal Services, 6/1/2019 – 6/30/2019, 7/1/2019 – 7/31/2019
- 2 **USPO CHICAGO 1, LLC. :** Rent and Operating Expenses, 9/1/2019 – 9/30/2019. Reconciliation due to Tenant 9/1/2019 – 9/30/2019
- 3 **BRADLEY CONSULTING GROUP INC:** Consulting Services 7/1/2019 - 7/31/2019, 8/1/2019 - 8/31/2019
- 4 **FUSE, LLC:** Postage for CTPF 2020 Health Insurance Handbooks
- 5 **THE SEGAL COMPANY:** Consulting Services, 6/1/19 - 8/2/19
- 6 **SENTINEL TECHNOLOGIES, INC.:** AIRONET 3yrs, Duo Beyond Hardware, 10/1/2019 – 9/30/2020, Managed Services, 3/1/2019, 8/31/2019, 9/30/19, Switch Install 1/31 – 2/1/19
- 7 **PLANTE MORAN, PLLC:** Professional Services, Internal Audit, Professional Services, Financial Statement Audit, 5/24/2019 - 8/23/2019
- 8 **RSM US LLP:** Professional services in connection with Dynamics GP, Professional services in connection with Dynamics SL, 7/31/2019, 8/31/2019
- 9 **GABRIEL, ROEDER, SMITH & COMPANY:** Actuarial Services 7/1/2019 - 8/31/2019
- 10 **MICHELLE HOLLEMAN:** Monthly Consulting, 9/1/2019 - 9/30/2019

Administrative Expenses
9/1/19 - 9/30/19

VENDOR	DESCRIPTION	AMOUNT	
AT&T	Monthly Phone Service, 7/19/19 - 8/18/19		\$ 1,917.60
Accounting Principals	Temporary Office Services 9/15/19, Lori Smith	\$ 1,289.86	
	Temporary Office Services 8/18/19, Lori Smith	\$ 1,054.48	
	Temporary Office Services 8/25/19, Lori Smith	\$ 1,316.59	
	Temporary Office Services 9/01/19, Lori Smith	\$ 1,214.54	\$ 4,875.47
American Express	Annual Membership for Charles Burbridge, CITY CLUB OF CHICAGO, 8/14/2019, Davis	\$ 50.00	
	Meet and Greet Representative Lamont J. Robinson Jr. office, JASON'S DELI - ICS #142, 8/10/2019, Davis	\$ 539.81	
	City Club of Chicago Meeting with Janice K. Jackson, CITY CLUB OF CHICAGO, 7/29/2019, Davis	\$ 35.00	
	Lunch for Regular Board Meeting 8/15/19, DELIVERY WOW, 8/15/2019, Davis	\$ 447.84	
	Breakfast for Board mtg 8/15/19, CORNER BAKERY CAFE MM #CB, 8/16/2019, Davis	\$ 226.14	
	Breakfast for Claims Services Comm. Mtg. 8/1/19, MCDONALDS, 8/1/2019, Davis	\$ 9.16	
	Breakfast for First Friday 8/2/19, DUNKIN DONUTS PC 355359, 8/2/2019, Davis	\$ 6.69	
	Breakfast for Claims Services Comm. Mtg. 8/1/19, DUNKIN DONUTS PC 355359, 8/1/2019, Davis	\$ 12.75	
	Breakfast for First Friday Mtg 8/2/19, CORNER BAKERY#212, 8/2/2019, Davis	\$ 18.39	
	Refund for room cancellation fee, MARRIOTT NASP Conference Reilly, 7/29/2019, Davis	\$ (552.10)	
	Trustee snacks for committee mtgs, WALGREENS 09001, 8/12/2019, Davis	\$ 25.25	
	Lunch for First Friday Mtg 8/2/19, PANERA BREAD 608003, 8/2/2019, Davis	\$ 252.67	
	Lunch for Investment Committee Mtg 8/22/19, POTBELLY SANDWICH WORKS, 8/22/2019, Davis	\$ 153.00	
	Trustee snacks, WALGREENS 09001, 8/26/2019, Davis	\$ 21.40	
	lunch for Investment Committee Mtg 8/22/19, POTBELLY SANDWICH WORKS, 8/22/2019, Davis	\$ 108.77	
	Breakfast for Investment Committee Mtg 8/22/19, CORNER BAKERY CAFE MM #CB, 8/23/2019, Davis	\$ 74.76	
	NCTR Annual Conference, Nashville, TN for J. Travlos, AMERICAN AIRLINES WEB SAL, 8/27/2019, Davis	\$ 173.30	
	NCTR Annual Conference, Nashville, TN for J. Travlos, AA ANCILLARY SALES, 8/27/2019, Davis	\$ 45.66	
	NCTR Annual Conference, Nashville, TN for J. Travlos, UNITED ELEC TICKETNG, 8/27/2019, Davis	\$ 354.30	
	NCTR Annual Conference, Nashville, TN for J. Travlos, NCTR, 8/27/2019, Davis	\$ 1,300.00	
	NCTR Annual Conference, Nashville, TN for J. Travlos, UNITED AIRLINES, 8/27/2019, Davis	\$ 49.00	
	Annual subscription for Tina Padilla, BLOOMBERG.COM, 8/22/2019, Davis	\$ 340.00	
	Survey Program for Communications, SURVEYMONKEY.COM, 8/23/2019, Davis	\$ 408.00	
	The Wall St Journal Digital Subscription for M. Cavallaro, WALL ST JOURNAL, 7/31/2019, Davis	\$ 15.60	
	City Club-The Pension Problem, Chicago, IL, CITY CLUB OF CHICAGO, 8/27/2019, Cavallaro	\$ 35.00	
	Mbr locator-M. Peters, INTELIOUS.COM, 8/26/2019, Cavallaro	\$ 19.95	
	Bulk email provider, EMMA, 8/1/2019, Schroeder	\$ 399.00	
	Bulk email provider, CONSTANT CONTACT, 8/5/2019, Schroeder	\$ 373.53	
	Reciprocal Conference, Champaign, IL for Shontrese King, I HOTEL AND CONFERENCE CE, 8/13/2019, Schroeder	\$ 291.84	
	Online Training course, UDEMY: ONLINE COURSES, 8/21/2019, Schroeder	\$ 9.99	
	Online Training Course, UDEMY: ONLINE COURSES, 8/21/2019, Schroeder	\$ 19.98	
	Online Training course, UDEMY: ONLINE COURSES, 8/21/2019, Schroeder	\$ 149.85	
	Bulk Email Provider, CONSTANT CONTACT, 8/20/2019, Schroeder	\$ 3,810.00	
	Online Digital Marketing Course, DIGITMARKETINGINS, 8/21/2019, Schroeder	\$ 1,955.00	
	Photo for Trustee for Lobby Area, WALGREENS 09001, 8/21/2019, Schroeder	\$ 8.80	
	Institute of Internal Auditors publication - Trusted Advisors, PBD INC, 8/1/2019, McCoy	\$ 19.99	
	Cyber Forensics Audit Training, Chicago, IL, CHICAGO CHAPTER ACFE, 8/5/2019, McCoy	\$ 40.00	
	Reciprocal Conference, Champaign, IL, HOULIHANS - CHAMPAIGN, 8/11/2019, McCoy	\$ 47.01	
	Attendance at the IL Public Pensions Reciprocal Conference, I HOTEL AND CONFERENCE CE, 8/13/2019, McCoy	\$ 246.34	
	Fraud Association Membership, CHICAGO CHAPTER ACFE, 8/16/2019, McCoy	\$ 75.00	
	call center scheduling tool, HUBWORKS, LLC, 8/2/2019, Ihejirika	\$ 29.00	
	Mbr. Locator-K. Salgado, INTELIOUS.COM, 8/5/2019, Ihejirika	\$ 19.95	
	Mbr. Locator-N. Alfaro, INTELIOUS.COM, 8/5/2019, Ihejirika	\$ 19.95	
	Mbr Locator-J Kimbrough, INTELIOUS.COM, 8/5/2019, Ihejirika	\$ 19.95	
	38th Annual ISCEBS Employee Benefit Symposium New Orleans, LA, INTRNTL SCTY OF EMP, 8/8/2019, Ihejirika	\$ 1,185.00	
	Mbr. Locator-D. Bonhart, INTELIOUS.COM, 8/9/2019, Ihejirika	\$ 19.95	
	Mbr. Locator-F. Benton, INTELIOUS.COM, 8/9/2019, Ihejirika	\$ 19.95	
	Mbr. Locator- J. Norman, INTELIOUS.COM, 8/10/2019, Ihejirika	\$ 19.95	
	Mbr. Locator-D. Elvery, INTELIOUS.COM, 8/10/2019, Ihejirika	\$ 19.95	
	Reciprocal Conf. in Champaign, IL-Rosemary Ihejirika, I HOTEL AND CONFERENCE CE, 8/13/2019, Ihejirika	\$ 246.34	
	Reciprocal Conf in Champaign, IL-Jo Campbell, I HOTEL AND CONFERENCE CE, 8/13/2019, Ihejirika	\$ 246.34	
	Refreshments Medicare event for 8/21/19, INSTACART, 8/19/2019, Ihejirika	\$ 48.76	
	Lunch for Staff Medicare event for CTPF mbrs, CHIPOTLE ONLINE, 8/22/2019, Ihejirika	\$ 147.65	
	Mbr Locator-A. Humphrey, INTELIOUS.COM, 8/23/2019, Ihejirika	\$ 9.95	
	WALDORF ASTORIA NAPLES, 8/28/2019, Ihejirika	\$ 222.88	
	WALDORF ASTORIA NAPLES, 8/28/2019, Ihejirika	\$ 222.88	
	Lunch for intern and staff training 7-30-19, CHIPOTLE ONLINE, 7/31/2019, Shamley	\$ 242.43	
	Lunch for intern and staff training 7-30-19, WALGREENS 09001, 7/30/2019, Shamley	\$ 13.57	
	Lunch for intern and staff training 7-30-19, CORNER BAKERY#212, 7/30/2019, Shamley	\$ 53.94	
	Astra Partners Annual meeting and Limited Partners Advisory, SOUTHWEST AIRLINES, 8/26/2019, Miller-May	\$ 20.00	
	Astra Partners Annual meeting and Limited Partners Advisory, SOUTHWEST AIRLINES, 8/26/2019, Miller-May	\$ 20.00	
	Astra Partners Annual meeting and Limited Partners Advisory, SOUTHWEST AIRLINES, 8/26/2019, Miller-May	\$ 301.96	
	Refund for Visual Studio ED Annual Subscription, MICROSOFT, 8/1/2019, Vohra	\$ (3,156.45)	
	Amazon Consulting, ERS Website, AMAZON WEB SERVICES, 8/2/2019, Vohra	\$ 1,115.80	
	Software Subscription Renewal, MICROSOFT, 8/23/2019, Vohra	\$ 2,999.00	
	Reciprocal Conference, Champaign, IL, AVIS RENT A CAR CORP, 8/13/2019, Burbridge	\$ 101.50	
	Reciprocal Conference, Champaign, IL, I HOTEL AND CONFERENCE CE, 8/13/2019, Burbridge	\$ 123.17	
	Reciprocal Conference, Champaign IL, ROAD RANGER #132, 8/13/2019, Burbridge	\$ 24.70	
	Reciprocal Conference, Champaign IL, HOULIHANS - CHAMPAIGN, 8/13/2019, Burbridge	\$ 18.55	
	Engage Conference-New York City, DELTA AIR LINES, 8/27/2019, Burbridge	\$ 414.60	\$ 16,407.89
American Registry for Internet Numbers	Annual registration		\$ 150.00
ARHAT	Digitizing of Microfilm & Microfiche 6/16/19 - 7/15/19	\$ 510.00	
	Digitizing of Microfilm & Microfiche 7/16/19 - 8/16/19	\$ 660.00	\$ 1,170.00
Assured Data Protection Inc.	Disaster Recovery for Storing and Business continuity renewal for 8/1/2019 - 8/31/2019		\$ 6,750.00
AT&T Mobility	Data access 7/25/19 - 8/24/2019		\$ 283.51
Avertium Tennessee Inc.	Security Consulting, : IT September 2019		\$ 3,700.00
Bradley Consulting Group Inc.	Consulting Services 7/1/2019 - 7/31/2019, 8/1/2019 - 8/31/2019		\$ 58,826.25
Burbridge, Charles	Reimbursement, Breakfast with Blackwell	\$ 45.22	

Administrative Expenses
9/1/19 - 9/30/19

VENDOR	DESCRIPTION	AMOUNT	
	Reimbursement, Meeting with Trustee	\$ 50.23	\$ 95.45
CBIZ	Services through June 2019		\$ 970.41
Chicago Messenger Service Inc.	Delivery Services 8/12/19-8/16/19	\$ 67.45	
	Delivery Services 8/19-8/23/19	\$ 104.78	
	Delivery Services 8/26-8/30/19	\$ 104.78	
	Delivery Services 8/5-8/9/19	\$ 142.49	
	Delivery Services 9/3-9/6/19	\$ 53.72	
	Delivery Services 9/9-9/13/19	\$ 67.15	\$ 540.37
Clyde Printing Company	CTPF OPEN ENROLLMENT CARDS & MANUALS		\$ 4,737.00
Coffee Unlimited	ION WATER MACHINE	\$ 164.75	
	BARRIE DNUT;LAV HOT CHOC;SHIP	\$ 376.26	\$ 541.01
Com ED	Electric Service Late Fee	\$ 13.01	
	Electric Service, 8/2/19 - 9/3/19	\$ 901.76	\$ 914.77
Comgraphics, Inc.	Processing Checks & Pay Advice, 8/1/2019 - 8/31/2019		\$ 7,510.86
Concur Technologies, Inc.	Travel Expense Tracker, 9/1/2019 -9/30/2019		\$ 318.05
Cutting Edge Document	Shredding Of Confidential Data, 8/1/2019 - 8/31/2019		\$ 299.00
Davis, Gail	Amazon bookstore		\$ 124.06
Robert Dickman-Lopez	Education Books		\$ 325.93
Digital Deployment, Inc.	Website Consulting Services, 9/1/2019-9/30/2019		\$ 900.00
DIRECTV	Satellite Reception Services 9/10/2019 - 10/09/2019		\$ 41.24
Direct Energy	Services, 8/2/2019 - 9/2/2019		\$ 1,280.80
Fuse, LLC	Postage for CTPF 2020 Health Insurance Handbooks		\$ 34,930.26
Gabriel, Roeder, Smith, & Company	Actuarial Services 7/1/2019 - 8/31/2019		\$ 17,472.50
Garvey's Office Products	Office Supplies, 8/1/2019 - 8/31/2019		\$ 589.76
Goldstine, Skrodzki, Russian, Skrodzki, Nemec and Hoff Ltd.	HLoeffig LatId Services, Through 8/31/19		\$ 1,032.50
Hurtado, Daniel	Departmental Meeting and Orientation		\$ 95.72
Imaging Office Systems, INC	Equipment maintenance contract		\$ 1,299.00
Kasima Imamovich	Employee reimbursement, ISCEBS conference, New Orleans, LA		\$ 302.85
Interpark	Parking passes, Trustees		\$ 90.00
Jacobs, Burns, Orlove & Hernandez	Legal Services , 6/17/19	\$ 260.00	
	Legal Services , 6/4/2019	\$ 234.00	
	Legal Services , 6/25-6/28/19	\$ 878.20	
	Legal Services , 6/6-6/26/19	\$ 1,430.00	
	Legal Services , 6/13-6/28/19	\$ 410.34	
	Legal Services , 6/3-6/18/19	\$ 728.00	
	Legal Services , 6/5/19	\$ 468.00	
	Legal Services , 6/26/19	\$ 104.00	
	Legal Services , 6/4-6/24/19	\$ 1,109.00	
	Legal Services , 6/21/19	\$ 104.00	
	Legal Services , 6/6-6/30/19	\$ 1,161.86	
	Legal Services , 6/4-6/30/19	\$ 502.41	
	Legal Services , 6/6-6/30/19	\$ 2,174.81	
	Legal Services , 6/14-6/28/19	\$ 410.34	
	Legal Services , 6/5-6/6/19	\$ 286.00	
	Legal Services , 6/5-6/13/19	\$ 724.64	
	Legal Services , 6/3/19	\$ 208.00	
	Legal Services , 6/12/19	\$ 130.40	
	Legal Services , 6/5-6/6/19	\$ 1,305.64	
	Legal Services , 6/6-6/17/19	\$ 1,222.00	
	Legal Services , 6/7-6/13/19	\$ 1,270.64	
	Legal Services , 6/5/2019	\$ 988.00	
	Legal Services , 6/3-6/30/19	\$ 3,440.84	
	Legal Services , 6/4-6/24/19	\$ 2,314.00	
	Legal Services , 6/18-6/19/19	\$ 338.00	
	Legal Services , 6/20/19	\$ 2,054.00	
	Legal Services , 6/3/19-6/30/19	\$ 15,881.02	
	Legal Services , 6/6-6/25/19	\$ 2,288.00	
	Legal Services , 6/17-6/30/19	\$ 1,655.24	
	Legal Services , 6/4-6/28/19	\$ 1,716.00	
	Legal Services , 6/5/19	\$ 104.00	
	Legal Services , 6/1/19- 6/30/19	\$ 14,481.60	
	Legal Services , 7/15-7/31/19	\$ 405.00	
	Legal Services , 7/2-7/25/19	\$ 1,138.99	
	Legal Services , 7/10-7/11/19	\$ 216.00	
	Legal Services , 7/22/19	\$ 135.00	
	Legal Services , 7/19-7/30/19	\$ 756.00	
	Legal Services , 7/2-7/16/19	\$ 243.00	
	Legal Services , 7/1-7/3/19	\$ 2,376.00	
	Legal Services , 7/8-7/22/19	\$ 2,916.00	
	Legal Services , 7/3-7/31/19	\$ 2,268.25	
	Legal Services , 7/1,7/8/19	\$ 837.00	
	Legal Services , 7/2/19	\$ 243.00	
	Legal Services , 7/1-7/30/19	\$ 108.00	
	Legal Services , 7/30-7/31/19	\$ 783.00	
	Legal Services , 7/7-7/17/19	\$ 1,026.21	
	Legal Services , 7/30-7/31/19	\$ 378.00	
	Legal Services , 7/26/19	\$ 189.00	
	Legal Services , 7/9,7/19,7/22/19	\$ 513.00	
	Legal Services , 7/7-7/29/19	\$ 734.21	
	Legal Services , 7/30/19	\$ 81.00	
	Legal Services , 7/19-7/23/19	\$ 1,356.17	
	Legal Services , 7/9/19	\$ 243.00	
	Legal Services , 7/9-7/31/19	\$ 1,042.99	

Omnibus Vote, Approved

On a motion by Ms. Reilly, seconded by Ms. Price Ward, and by unanimous vote, the foregoing Committee reports, which were moved to the omnibus, were approved.

Motion to Defer Consideration of Board Minutes, Approved

Ms. Reilly made a motion, seconded by Ms. Price Ward, to defer the consideration of Board minutes from the Regular Board Meeting on September 19, 2019. The motion passed unanimously.

Motion to Approve Disability Report, Approved

Ms. Reilly made a motion, seconded by Mr. Bures, to accept the disability report as presented. The motion passed unanimously.

REPORT OF THE INVESTMENT STAFF**Investment Legal Services RFP Presentations**

Representatives from Chapman & Cutler, KutakRock, Foster Garvey, Nossaman, and Reinhart presented to the Board. Each firm reviewed their organization, processes, and fees. Each firm addressed questions raised by the Trustees.

Investment Legal Services

Ms. Miller-May reported that the Fund currently retains one law firm for investment legal services. She stated that Foster Pepper has provided investment legal services to the Fund since 2015. Ms. Miller-May stated that since 2015, CTPF has committed and invested with 26 new managers. She stated that CTPF seeks to develop a pool of qualified investment attorneys with expertise and experience in advising public pension funds with respect to negotiating and executing investment contracts. She also mentioned that this would provide the Fund with options in choosing the best law firm for specific contracts and will reduce legal expenses and negotiate contracts in a timely manner. She stated that Legal and Investment staff recommends retaining Chapman and Cutler, Foster Pepper, Kutak Rock, Nossaman and Reinhart to service CTPF with the execution of Investment Manager contracts. Ms. Miller-May addressed questions raised by the Board.

Motion to Accept Staff Recommendation, Approved

Ms. Reilly made a motion, seconded by Mr. Truss, to accept staff recommendation to retain Chapman and Cutler, Foster Pepper, Kutak Rock, Nossaman and Reinhart resulting in a pool of five investment attorneys to service CTPF. The motion passed by the following roll call vote:

Ayes: Mr. Blackwell, Mr. Bures, Mr. del Valle, Ms. Reilly, Mr. Truss, Ms. Price Ward – 6

Abstentions: Ms. Rodriguez – 1

REPORT OF THE INVESTMENT CONSULTANT CONTINUED**Callan Associates****2nd Quarter Real Estate Performance Report**

Ms. Lauren Sertich of Callan Associates reviewed the second quarter real estate performance report ending June 30, 2019. Ms. Sertich reported that at the end of the second quarter the portfolio market value allocation of 6.79% was below the 9.0% target. She stated that in the second quarter, CTPF funded new commitments to Long Warf Fund VI and the Fund also received \$66.4M in distributions from the portfolio and funded \$13.4M. Ms. Sertich addressed questions raised by the Board.

William Blair Due Diligence

Representatives from William Blair presented to the Board. William Blair reviewed organization, strategies, performance, and fees and also addressed questions raised by the Board.

Legislative Update

Ms. Bukola Bello, of Vision MAI, and Mr. Steve Zahn Zahn of Governmental Solutions, provided a legislative update and gave an overview of the current legislative session. Ms. Bello and Mr. Zahn also discussed issues surrounding Federal legislation which would eliminate the Windfall Elimination Program (WEP). Ms. Bello and Mr. Zahn addressed questions raised by the Board.

Election Update

Ms. Cecilia Vega, Executive Assistant, updated the Board on the 2019 Election. Ms. Vega addressed questions raised by the Board.

MEETING ADJOURNED

Mr. Redfeairn made a motion, seconded by Ms. Rodriguez, to adjourn the meeting. The motion passed unanimously.

The meeting adjourned at 2:27 p.m

Respectfully submitted,



Jacqueline Price Ward
Recording Secretary